Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092024\
Data File : BM047593.D
Acq On : 20 Sep 2024 17:40
Operator : RC/JU
Sample : P2403-09
Misc : MDL-MDL-WATER 4 ppm
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT2-2024

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/24/2024

Quant Time: Sep 21 03:26:01 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM092024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 21 02:22:39 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.845	152	301789	20.000	ng		0.00
21) Naphthalene-d8	10.639	136	1251619	20.000	ng		0.00
39) Acenaphthene-d10	14.474	164	664447	20.000	ng		0.00
64) Phenanthrene-d10	17.209	188	1212735	20.000	ng		0.00
76) Chrysene-d12	21.433	240	1008554	20.000	ng		0.00
86) Perylene-d12	24.462	264	1106352	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.416	112	2018089	102.476	ng		0.00
7) Phenol-d6	7.004	99	2609077	100.548	ng		0.00
23) Nitrobenzene-d5	8.998	82	1652605	65.729	ng		0.00
42) 2,4,6-Tribromophenol	15.956	330	552108	89.736	ng		0.00
45) 2-Fluorobiphenyl	13.098	172	2992391	63.724	ng		0.00
79) Terphenyl-d14	19.827	244	3341003	59.438	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.316	88	29311	3.418	ng		98
3) Pyridine	3.722	79	65116	2.739	ng		97
4) n-Nitrosodimethylamine	3.622	42	31128	3.158	ng	#	92
6) Aniline	7.169	93	81793	3.679	ng		97
8) 2-Chlorophenol	7.410	128	65549	3.179	ng		93
9) Benzaldehyde	6.981	77	66341m	5.010	ng		
10) Phenol	7.028	94	81980	3.182	ng		86
11) bis(2-Chloroethyl)ether	7.263	93	64254	3.103	ng		99
12) 1,3-Dichlorobenzene	7.734	146	70167	3.078	ng		96
13) 1,4-Dichlorobenzene	7.881	146	71881	3.116	ng		95
14) 1,2-Dichlorobenzene	8.198	146	69496	3.125	ng		99
15) Benzyl Alcohol	8.081	79	49966	2.984	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.363	45	90920	3.444	ng		99
17) 2-Methylphenol	8.281	107	45900	2.834	ng		98
18) Hexachloroethane	8.928	117	28396	3.035	ng		92
19) n-Nitroso-di-n-propyla...	8.645	70	44919	2.826	ng		97
20) 3+4-Methylphenols	8.604	107	61478	2.787	ng		94
22) Acetophenone	8.663	105	94535	2.899	ng	#	98
24) Nitrobenzene	9.039	77	80962	3.118	ng		95
25) Isophorone	9.569	82	112906	2.687	ng		99
26) 2-Nitrophenol	9.751	139	20091	2.200	ng		94
27) 2,4-Dimethylphenol	9.810	122	36142	2.777	ng		95
28) bis(2-Chloroethoxy)met...	10.045	93	77278	2.859	ng		97
29) 2,4-Dichlorophenol	10.286	162	41260	2.508	ng		92
30) 1,2,4-Trichlorobenzene	10.504	180	52948	2.823	ng		98
31) Naphthalene	10.692	128	188106	2.841	ng		98
32) Benzoic acid	9.851	122	20739	1.709	ng		100
33) 4-Chloroaniline	10.792	127	67557	2.894	ng		96
34) Hexachlorobutadiene	10.986	225	27413	2.686	ng		99
35) Caprolactam	11.545	113	11661m	2.050	ng		
36) 4-Chloro-3-methylphenol	11.910	107	42165	2.246	ng		94
37) 2-Methylnaphthalene	12.298	142	110797	2.663	ng		97
38) 1-Methylnaphthalene	12.521	142	102440	2.482	ng	#	95
40) 1,2,4,5-Tetrachloroben...	12.668	216	49237	2.808	ng		99
41) Hexachlorocyclopentadiene	12.657	237	19227	3.321	ng		98
43) 2,4,6-Trichlorophenol	12.904	196	25816	2.265	ng		99

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092024\
Data File : BM047593.D
Acq On : 20 Sep 2024 17:40
Operator : RC/JU
Sample : P2403-09
Misc : MDL-MDL-WATER 4 ppm
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT2-2024

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/24/2024

Quant Time: Sep 21 03:26:01 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM092024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 21 02:22:39 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.974	196	28291	2.209	ng		95
46) 1,1'-Biphenyl	13.310	154	150434	2.932	ng		99
47) 2-Chloronaphthalene	13.351	162	109567	2.729	ng		99
48) 2-Nitroaniline	13.545	65	23438	1.954	ng		93
49) Acenaphthylene	14.192	152	158994	2.752	ng		100
50) Dimethylphthalate	13.927	163	121698	2.653	ng		99
51) 2,6-Dinitrotoluene	14.039	165	18278	1.902	ng	#	86
52) Acenaphthene	14.539	154	98376m	2.577	ng		
53) 3-Nitroaniline	14.362	138	20846	1.891	ng	#	97
54) 2,4-Dinitrophenol	14.568	184	5915	1.357	ng		96
55) Dibenzofuran	14.868	168	153808	2.757	ng		100
56) 4-Nitrophenol	14.668	139	15948	1.688	ng		96
57) 2,4-Dinitrotoluene	14.821	165	21432	1.673	ng	#	84
58) Fluorene	15.515	166	115776	2.345	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.098	232	21710	2.217	ng		98
60) Diethylphthalate	15.292	149	118245	2.418	ng		99
61) 4-Chlorophenyl-phenyle...	15.515	204	51965	2.409	ng		94
62) 4-Nitroaniline	15.521	138	20523	1.652	ng		95
63) Azobenzene	15.804	77	130903	2.448	ng		99
65) 4,6-Dinitro-2-methylph...	15.586	198	8376	1.458	ng		93
66) n-Nitrosodiphenylamine	15.721	169	92329	2.549	ng		98
67) 4-Bromophenyl-phenylether	16.404	248	26682	2.422	ng		97
68) Hexachlorobenzene	16.521	284	33334	2.588	ng		89
69) Atrazine	16.668	200	23827	2.732	ng		98
70) Pentachlorophenol	16.856	266	14417	1.784	ng		94
71) Phenanthrene	17.251	178	175591	2.667	ng		100
72) Anthracene	17.339	178	157270	2.522	ng		99
73) Carbazole	17.609	167	151810	2.336	ng		99
74) Di-n-butylphthalate	18.180	149	161719	2.057	ng		100
75) Fluoranthene	19.256	202	160268	2.212	ng		98
77) Benzidine	19.439	184	47133	3.432	ng		96
78) Pyrene	19.621	202	171381	2.428	ng		99
80) Butylbenzylphthalate	20.515	149	58134	1.892	ng		97
81) Benzo(a)anthracene	21.415	228	178475	2.691	ng		99
82) 3,3'-Dichlorobenzidine	21.338	252	45350	2.202	ng		95
83) Chrysene	21.480	228	168067	2.665	ng		99
84) Bis(2-ethylhexyl)phtha...	21.350	149	90224	1.836	ng		98
85) Di-n-octyl phthalate	22.491	149	126642	1.670	ng	#	95
87) Indeno(1,2,3-cd)pyrene	27.867	276	190160	2.500	ng	#	88
88) Benzo(b)fluoranthene	23.503	252	162351	2.335	ng		97
89) Benzo(k)fluoranthene	23.562	252	163071	2.389	ng		99
90) Benzo(a)pyrene	24.315	252	146597	2.487	ng		98
91) Dibenzo(a,h)anthracene	27.932	278	156389	2.461	ng		94
92) Benzo(g,h,i)perylene	28.932	276	151080	2.372	ng		97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

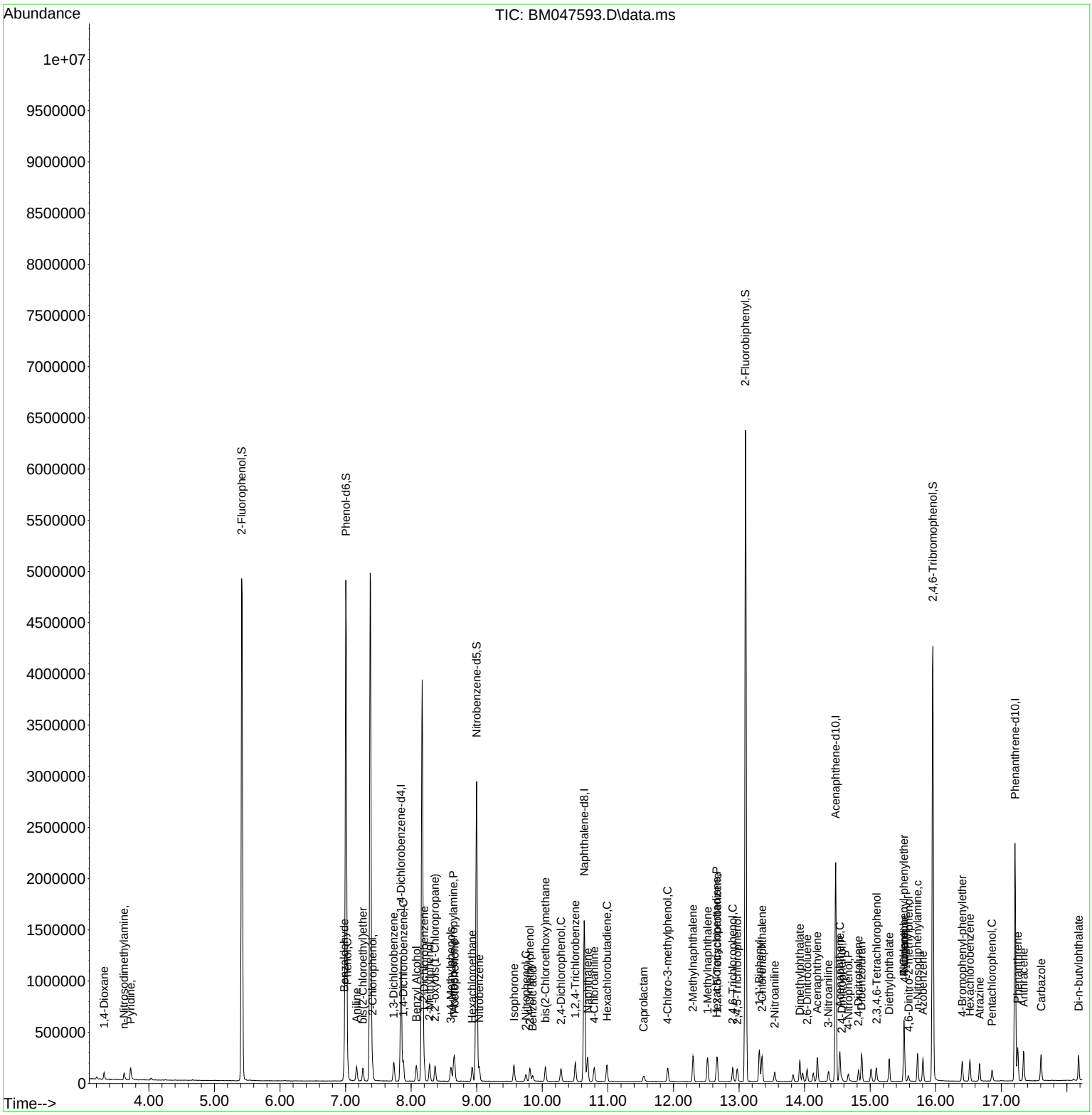
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092024\
Data File : BM047593.D
Acq On : 20 Sep 2024 17:40
Operator : RC/JU
Sample : P2403-09
Misc : MDL-MDL-WATER 4 ppm
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Sep 21 03:26:01 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM092024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 21 02:22:39 2024
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT2-2024

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/24/2024



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092024\
Data File : BM047593.D
Acq On : 20 Sep 2024 17:40
Operator : RC/JU
Sample : P2403-09
Misc : MDL-MDL-WATER 4 ppm
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Sep 21 03:26:01 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM092024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 21 02:22:39 2024
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT2-2024

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/24/2024