Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_E\Data\BE091924\
Data File : BE101374.D
Acq On : 19 Sep 2024 11:43
Operator : RC/JU
Sample : P2403-09
Misc : MDL-MDL-WATER 4ppm
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Sep 19 12:39:26 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_E\Methods\8270-BE091724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 17 16:03:42 2024
Response via : Initial Calibration

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

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.573	152	139081	20.000	ng		0.00
21) Naphthalene-d8	10.340	136	667583	20.000	ng		0.00
39) Acenaphthene-d10	14.182	164	479436	20.000	ng		0.00
64) Phenanthrene-d10	16.920	188	1107658	20.000	ng		0.00
76) Chrysene-d12	21.080	240	1235269	20.000	ng		0.00
86) Perylene-d12	23.372	264	1505601	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.322	112	977866	122.932	ng		0.00
7) Phenol-d6	6.950	99	1310245	116.192	ng		0.00
23) Nitrobenzene-d5	8.783	82	903348	85.788	ng		0.00
42) 2,4,6-Tribromophenol	15.692	330	1026896	127.344	ng		0.00
45) 2-Fluorobiphenyl	12.808	172	2453234	88.424	ng		0.00
79) Terphenyl-d14	19.517	244	3976990	71.388	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.242	88	13664	4.511	ng		98
3) Pyridine	3.912	79	24453m	2.803	ng		
4) n-Nitrosodimethylamine	3.689	42	12479m	3.981	ng		
6) Aniline	7.020	93	47914	5.064	ng		99
8) 2-Chlorophenol	7.214	128	37950	3.970	ng		94
9) Benzaldehyde	6.791	77	29358	5.665	ng		98
10) Phenol	6.973	94	42918	3.463	ng		87
11) bis(2-Chloroethyl)ether	7.044	93	36802m	3.508	ng		
12) 1,3-Dichlorobenzene	7.461	146	40874	3.979	ng		99
13) 1,4-Dichlorobenzene	7.608	146	41121	3.929	ng		94
14) 1,2-Dichlorobenzene	7.937	146	40608	3.915	ng		97
15) Benzyl Alcohol	7.913	79	34880	5.195	ng	#	58
16) 2,2'-oxybis(1-Chloropr...	8.072	45	55840	4.224	ng		96
17) 2-Methylphenol	8.160	107	27848	3.391	ng		96
18) Hexachloroethane	8.630	117	12742	3.722	ng		98
19) n-Nitroso-di-n-propyla...	8.383	70	27896	3.505	ng		95
20) 3+4-Methylphenols	8.495	107	37257	3.224	ng		95
22) Acetophenone	8.430	105	59845	3.866	ng	#	99
24) Nitrobenzene	8.824	77	45562	4.053	ng		97
25) Isophorone	9.282	82	79022	3.666	ng		97
26) 2-Nitrophenol	9.517	139	17175	3.237	ng		94
27) 2,4-Dimethylphenol	9.629	122	20744	3.045	ng		97
28) bis(2-Chloroethoxy)met...	9.788	93	47681	3.657	ng		98
29) 2,4-Dichlorophenol	10.064	162	32591	3.494	ng		97
30) 1,2,4-Trichlorobenzene	10.187	180	39695	3.938	ng		97
31) Naphthalene	10.387	128	133962	3.977	ng		99
32) Benzoic acid	9.823	122	10248m	8.539	ng		
33) 4-Chloroaniline	10.622	127	46135	3.580	ng		97
34) Hexachlorobutadiene	10.640	225	22607	3.860	ng		97
35) Caprolactam	11.421	113	10648m	2.826	ng		
36) 4-Chloro-3-methylphenol	11.785	107	37175	3.373	ng		94
37) 2-Methylnaphthalene	11.979	142	95580	3.880	ng		99
38) 1-Methylnaphthalene	12.208	142	90372	3.657	ng		98
40) 1,2,4,5-Tetrachloroben...	12.338	216	46811	4.053	ng		99
41) Hexachlorocyclopentadiene	12.320	237	12314	3.245	ng		98
43) 2,4,6-Trichlorophenol	12.655	196	27984	3.421	ng		92

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.755	196	30181	3.270	ng		96
46) 1,1'-Biphenyl	13.013	154	140549	4.326	ng		98
47) 2-Chloronaphthalene	13.054	162	99817	3.906	ng		99
48) 2-Nitroaniline	13.389	65	20064	2.918	ng		91
49) Acenaphthylene	13.912	152	158307	4.151	ng		97
50) Dimethylphthalate	13.683	163	135467	3.916	ng		98
51) 2,6-Dinitrotoluene	13.818	165	24010	3.101	ng		94
52) Acenaphthene	14.247	154	97270	3.869	ng		99
53) 3-Nitroaniline	14.235	138	23163	2.908	ng		97
55) Dibenzofuran	14.588	168	163480	4.117	ng		99
56) 4-Nitrophenol	14.653	139	17408m	2.629	ng		
57) 2,4-Dinitrotoluene	14.605	165	29200	2.770	ng	#	80
58) Fluorene	15.222	166	131585	3.933	ng		100
59) 2,3,4,6-Tetrachlorophenol	14.852	232	30537	3.499	ng		98
60) Diethylphthalate	15.011	149	138858	3.869	ng		98
61) 4-Chlorophenyl-phenyle...	15.217	204	64319	3.919	ng		96
62) 4-Nitroaniline	15.422	138	20500	2.470	ng		96
63) Azobenzene	15.510	77	116401	3.795	ng		98
65) 4,6-Dinitro-2-methylph...	15.346	198	13181	2.096	ng		93
66) n-Nitrosodiphenylamine	15.463	169	115133	3.900	ng		98
67) 4-Bromophenyl-phenylether	16.098	248	42192	3.667	ng		96
68) Hexachlorobenzene	16.204	284	54578	3.670	ng		97
69) Atrazine	16.392	200	39539	4.055	ng		99
70) Pentachlorophenol	16.609	266	22348	2.515	ng		96
71) Phenanthrene	16.962	178	221835	4.217	ng		97
72) Anthracene	17.050	178	203353	3.972	ng		96
73) Carbazole	17.379	167	200752	3.827	ng		98
74) Di-n-butylphthalate	17.825	149	217358	3.773	ng		96
75) Fluoranthene	18.965	202	263017	4.153	ng		94
77) Benzidine	19.224	184	63783	3.111	ng	#	95
78) Pyrene	19.335	202	284013	4.134	ng		92
80) Butylbenzylphthalate	20.187	149	109135	3.589	ng		99
81) Benzo(a)anthracene	21.057	228	303402	4.374	ng		91
82) 3,3'-Dichlorobenzidine	21.039	252	94789	3.487	ng		98
83) Chrysene	21.116	228	296342	4.447	ng		91
84) Bis(2-ethylhexyl)phtha...	20.892	149	140048	3.482	ng		95
85) Di-n-octyl phthalate	21.738	149	250357	3.813	ng		100
87) Indeno(1,2,3-cd)pyrene	25.675	276	396695	3.999	ng		98
88) Benzo(b)fluoranthene	22.655	252	313723	4.023	ng		94
89) Benzo(k)fluoranthene	22.702	252	319103	4.336	ng		95
90) Benzo(a)pyrene	23.260	252	283389	4.118	ng		97
91) Dibenzo(a,h)anthracene	25.675	278	324884	3.912	ng		98
92) Benzo(g,h,i)perylene	26.427	276	307682	3.649	ng		99

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

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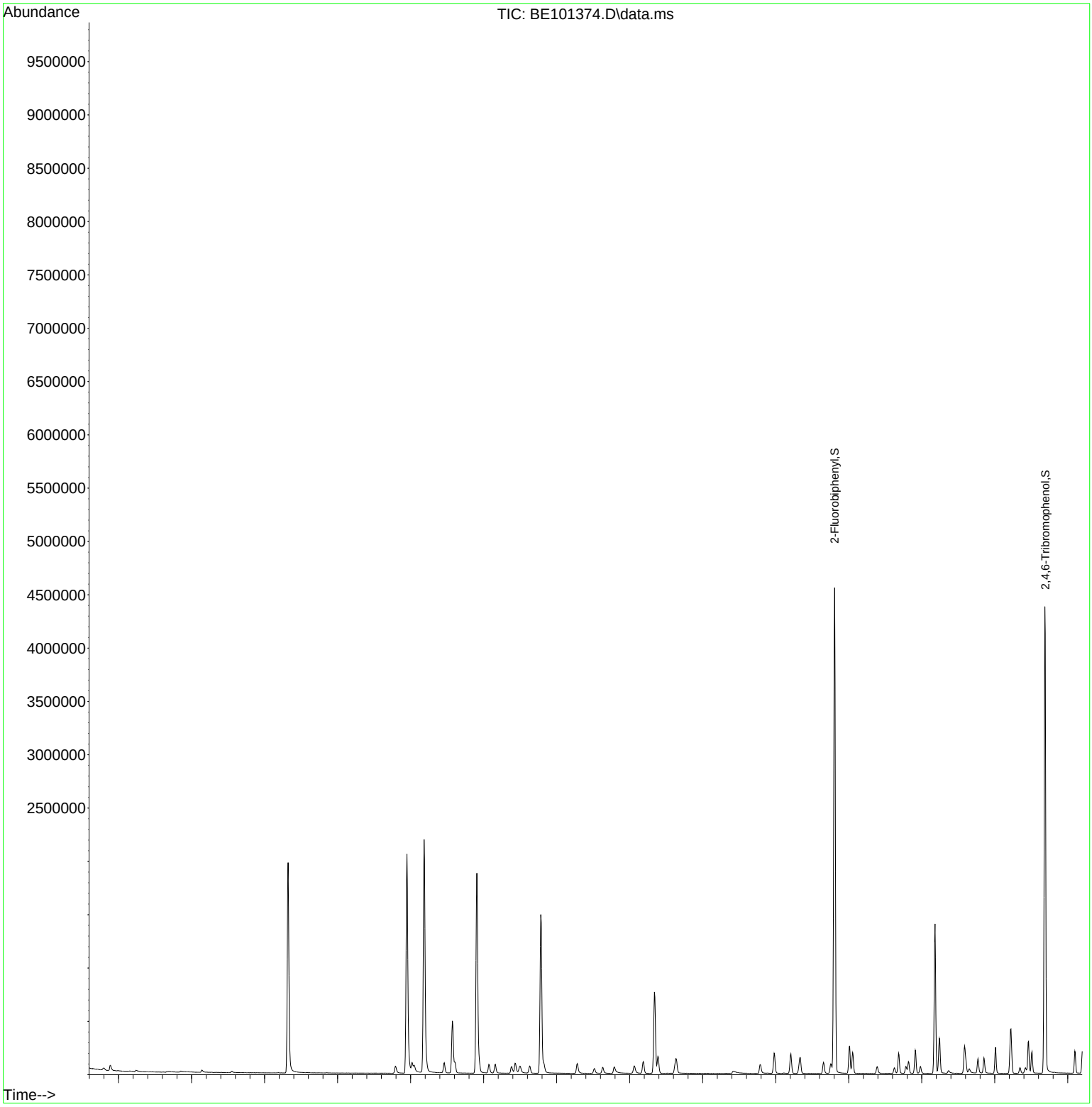

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