Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102524\
Data File : BM048230.D
Acq On : 25 Oct 2024 10:07
Operator : RC/JU
Sample : P4368-09
Misc : MDL-MDL-WATER-4 ng
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Oct 25 10:50:09 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 23 18:21:59 2024
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT4-2024

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/28/2024
Supervised By :mohammad ahmed 10/28/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.716	152	309405	20.000	ng		0.00
21) Naphthalene-d8	10.510	136	1270558	20.000	ng		0.00
39) Acenaphthene-d10	14.363	164	813145	20.000	ng		0.00
64) Phenanthrene-d10	17.103	188	1579972	20.000	ng		0.00
76) Chrysene-d12	21.333	240	1330868	20.000	ng		0.00
86) Perylene-d12	24.279	264	1387185	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.304	112	1941479	105.477	ng		0.00
7) Phenol-d6	6.898	99	2573785	107.369	ng		0.00
23) Nitrobenzene-d5	8.875	82	1688458	75.034	ng		0.00
42) 2,4,6-Tribromophenol	15.857	330	1019652	102.447	ng		0.00
45) 2-Fluorobiphenyl	12.980	172	3789185	71.506	ng		0.00
79) Terphenyl-d14	19.733	244	4353880	66.762	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.204	88	27154	3.604	ng		98
3) Pyridine	3.616	79	59885m	2.992	ng		
4) n-Nitrosodimethylamine	3.516	42	29121	3.427	ng	#	97
6) Aniline	7.051	93	87434	4.394	ng		98
8) 2-Chlorophenol	7.286	128	72231	3.612	ng		96
9) Benzaldehyde	6.863	77	60449m	5.133	ng		
10) Phenol	6.922	94	86808	3.599	ng		87
11) bis(2-Chloroethyl)ether	7.145	93	71685	3.732	ng		99
12) 1,3-Dichlorobenzene	7.604	146	81320	3.527	ng		99
13) 1,4-Dichlorobenzene	7.751	146	82479	3.521	ng		98
14) 1,2-Dichlorobenzene	8.069	146	80110	3.539	ng		98
15) Benzyl Alcohol	7.963	79	50469	3.300	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.239	45	108893	3.876	ng		99
17) 2-Methylphenol	8.169	107	50918	3.177	ng		97
18) Hexachloroethane	8.792	117	29766	3.467	ng		100
19) n-Nitroso-di-n-propyla...	8.522	70	52737	3.477	ng		97
20) 3+4-Methylphenols	8.498	107	69987	3.153	ng		96
22) Acetophenone	8.539	105	110420	3.561	ng	#	97
24) Nitrobenzene	8.916	77	84464	3.623	ng		99
25) Isophorone	9.445	82	134384	3.258	ng		99
26) 2-Nitrophenol	9.633	139	30997	2.879	ng		94
27) 2,4-Dimethylphenol	9.698	122	27964	2.141	ng		98
28) bis(2-Chloroethoxy)met...	9.927	93	86229	3.304	ng		97
29) 2,4-Dichlorophenol	10.175	162	56113	2.987	ng		98
30) 1,2,4-Trichlorobenzene	10.375	180	73141	3.399	ng		99
31) Naphthalene	10.557	128	227430	3.432	ng		100
32) Benzoic acid	9.780	122	26265m	1.807	ng		
33) 4-Chloroaniline	10.686	127	76139	3.543	ng		97
34) Hexachlorobutadiene	10.845	225	44333	3.324	ng		99
35) Caprolactam	11.457	113	14578	2.389	ng		93
36) 4-Chloro-3-methylphenol	11.810	107	57789	2.946	ng		100
37) 2-Methylnaphthalene	12.174	142	147799	3.338	ng		98
38) 1-Methylnaphthalene	12.398	142	138937	3.165	ng		98
40) 1,2,4,5-Tetrachloroben...	12.551	216	80810	3.477	ng		99
41) Hexachlorocyclopentadiene	12.527	237	15016	1.909	ng		99
43) 2,4,6-Trichlorophenol	12.798	196	46138	2.991	ng		97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.880	196	49973	2.905	ng	97
46) 1,1'-Biphenyl	13.192	154	210724	3.630	ng	100
47) 2-Chloronaphthalene	13.233	162	152725	3.336	ng	98
48) 2-Nitroaniline	13.451	65	35292	2.843	ng	95
49) Acenaphthylene	14.080	152	231620	3.468	ng	98
50) Dimethylphthalate	13.821	163	182328	3.285	ng	99
51) 2,6-Dinitrotoluene	13.939	165	33933	2.740	ng	90
52) Acenaphthene	14.427	154	140328	3.307	ng	100
53) 3-Nitroaniline	14.280	138	29849	2.555	ng	98
54) 2,4-Dinitrophenol	14.498	184	11590	1.601	ng	94
55) Dibenzofuran	14.762	168	232846	3.454	ng	98
56) 4-Nitrophenol	14.615	139	17872	1.714	ng	92
57) 2,4-Dinitrotoluene	14.739	165	41515	2.538	ng	97
58) Fluorene	15.409	166	178276	3.344	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.992	232	45415	3.186	ng	99
60) Diethylphthalate	15.186	149	173985	3.096	ng	99
61) 4-Chlorophenyl-phenyle...	15.409	204	90651	3.401	ng	95
62) 4-Nitroaniline	15.445	138	24219	2.003	ng	93
63) Azobenzene	15.698	77	155881	3.094	ng	98
65) 4,6-Dinitro-2-methylph...	15.504	198	18788	2.049	ng	97
66) n-Nitrosodiphenylamine	15.621	169	142969	3.296	ng	98
67) 4-Bromophenyl-phenylether	16.298	248	53246	3.324	ng	96
68) Hexachlorobenzene	16.415	284	64042	3.329	ng	99
69) Atrazine	16.574	200	46436	3.826	ng	96
70) Pentachlorophenol	16.768	266	32062	2.538	ng	96
71) Phenanthrene	17.145	178	277589	3.548	ng	99
72) Anthracene	17.239	178	242866	3.207	ng	99
73) Carbazole	17.515	167	225143	3.032	ng	98
74) Di-n-butylphthalate	18.074	149	265228	2.870	ng	100
75) Fluoranthene	19.162	202	286002	3.065	ng	100
77) Benzidine	19.356	184	41041	2.672	ng	98
78) Pyrene	19.527	202	298376	3.350	ng	100
80) Butylbenzylphthalate	20.421	149	102698	2.757	ng	94
81) Benzo(a)anthracene	21.309	228	287913	3.385	ng	100
82) 3,3'-Dichlorobenzidine	21.244	252	81632	2.802	ng	99
83) Chrysene	21.374	228	281400	3.447	ng	100
84) Bis(2-ethylhexyl)phtha...	21.239	149	149958	2.770	ng	99
85) Di-n-octyl phthalate	22.344	149	219031	2.336	ng	99
87) Indeno(1,2,3-cd)pyrene	27.597	276	287625	3.136	ng	99
88) Benzo(b)fluoranthene	23.344	252	261683	3.290	ng	99
89) Benzo(k)fluoranthene	23.409	252	266095	3.460	ng	98
90) Benzo(a)pyrene	24.138	252	224454	3.246	ng	99
91) Dibenzo(a,h)anthracene	27.650	278	238789	3.126	ng	98
92) Benzo(g,h,i)perylene	28.638	276	232608	2.974	ng	98

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

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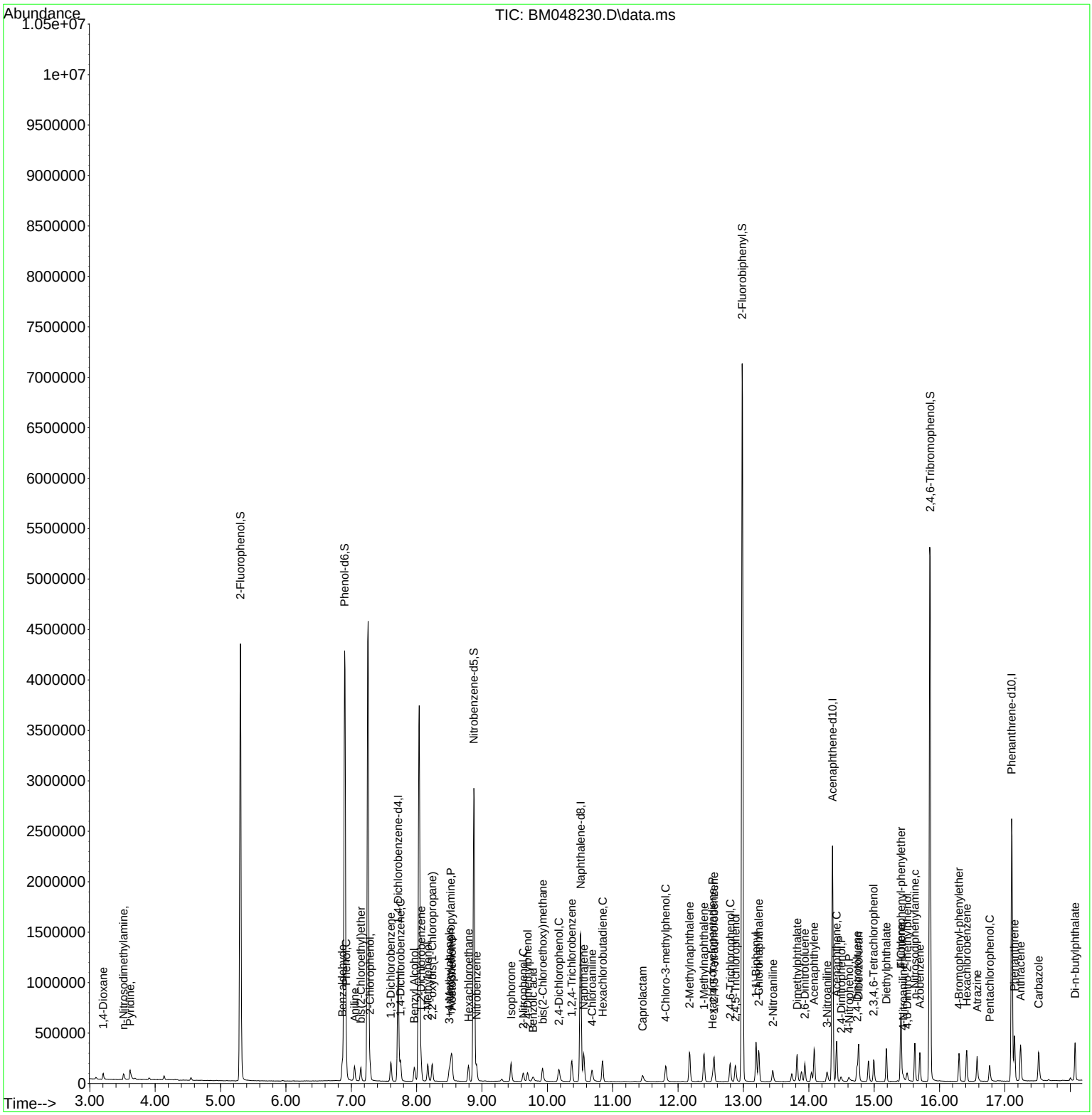

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