Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091724\
Data File : BM047549.D
Acq On : 17 Sep 2024 18:26
Operator : RC/JU
Sample : P2403-07
Misc : LOD-MDL-WATER-8 PPM
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT2-2024

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 09/18/2024
Supervised By :mohammad ahmed 09/19/2024

Quant Time: Sep 18 03:06:10 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM091424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Sep 15 08:56:37 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.845	152	359780	20.000	ng		0.00
21) Naphthalene-d8	10.645	136	1561998	20.000	ng		0.00
39) Acenaphthene-d10	14.474	164	892295	20.000	ng		0.00
64) Phenanthrene-d10	17.209	188	1681694	20.000	ng		0.00
76) Chrysene-d12	21.433	240	1324350	20.000	ng		#-0.01
86) Perylene-d12	24.456	264	1174032	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.422	112	3317127	146.800	ng		0.00
7) Phenol-d6	7.010	99	4588961	144.208	ng		0.00
23) Nitrobenzene-d5	9.004	82	3289099	105.382	ng		0.00
42) 2,4,6-Tribromophenol	15.957	330	1374727	159.392	ng		0.00
45) 2-Fluorobiphenyl	13.104	172	6910141	106.679	ng		0.00
79) Terphenyl-d14	19.827	244	8772303	118.695	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.322	88	102789	10.621	ng		98
3) Pyridine	3.722	79	246533	8.558	ng		98
4) n-Nitrosodimethylamine	3.628	42	126756	9.697	ng	#	96
6) Aniline	7.169	93	291320	10.326	ng		98
8) 2-Chlorophenol	7.410	128	219973	8.831	ng		96
9) Benzaldehyde	6.981	77	230063m	15.205	ng		
10) Phenol	7.034	94	285486	8.960	ng		99
11) bis(2-Chloroethyl)ether	7.269	93	239464	9.361	ng		97
12) 1,3-Dichlorobenzene	7.739	146	230862	8.467	ng		99
13) 1,4-Dichlorobenzene	7.881	146	236660	8.522	ng		96
14) 1,2-Dichlorobenzene	8.198	146	230039	8.417	ng		98
15) Benzyl Alcohol	8.081	79	190670	8.846	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.369	45	355087	9.868	ng		99
17) 2-Methylphenol	8.281	107	165505	8.131	ng		97
18) Hexachloroethane	8.933	117	96741	8.720	ng		94
19) n-Nitroso-di-n-propyla...	8.651	70	191582	8.929	ng		96
20) 3+4-Methylphenols	8.604	107	224180	7.893	ng		98
22) Acetophenone	8.663	105	362231	8.821	ng	#	98
24) Nitrobenzene	9.039	77	293490	9.151	ng		96
25) Isophorone	9.569	82	496180	9.043	ng		100
26) 2-Nitrophenol	9.751	139	82152	7.517	ng		99
27) 2,4-Dimethylphenol	9.810	122	102456	6.184	ng		97
28) bis(2-Chloroethoxy)met...	10.051	93	305900	8.875	ng		99
29) 2,4-Dichlorophenol	10.286	162	162005	7.697	ng		96
30) 1,2,4-Trichlorobenzene	10.504	180	190088	7.884	ng		98
31) Naphthalene	10.692	128	695836	8.248	ng		100
32) Benzoic acid	9.880	122	76338m	10.721	ng		
33) 4-Chloroaniline	10.792	127	266957	8.752	ng		96
34) Hexachlorobutadiene	10.986	225	99661	7.463	ng		99
35) Caprolactam	11.551	113	53484	7.715	ng		98
36) 4-Chloro-3-methylphenol	11.910	107	189138	7.841	ng		97
37) 2-Methylnaphthalene	12.304	142	443270	7.895	ng		99
38) 1-Methylnaphthalene	12.521	142	414199	7.423	ng		99
40) 1,2,4,5-Tetrachloroben...	12.669	216	192703	7.981	ng		98
41) Hexachlorocyclopentadiene	12.657	237	46720	5.919	ng		99
43) 2,4,6-Trichlorophenol	12.904	196	109982	7.271	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.974	196	124241	7.272	ng		95
46) 1,1'-Biphenyl	13.310	154	588804	8.481	ng		99
47) 2-Chloronaphthalene	13.351	162	436775	8.102	ng		99
48) 2-Nitroaniline	13.545	65	122352	7.727	ng		95
49) Acenaphthylene	14.198	152	685920	8.817	ng		99
50) Dimethylphthalate	13.933	163	512965	8.435	ng		100
51) 2,6-Dinitrotoluene	14.039	165	95682	7.453	ng		92
52) Acenaphthene	14.539	154	419499	7.696	ng		96
53) 3-Nitroaniline	14.368	138	112600	7.891	ng		99
54) 2,4-Dinitrophenol	14.568	184	28855	8.530	ng		93
55) Dibenzofuran	14.874	168	631092	8.239	ng		98
56) 4-Nitrophenol	14.668	139	84450	7.192	ng		97
57) 2,4-Dinitrotoluene	14.821	165	121832	7.115	ng	#	82
58) Fluorene	15.521	166	519424	7.532	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.092	232	98564	7.399	ng		94
60) Diethylphthalate	15.292	149	541108	8.360	ng		98
61) 4-Chlorophenyl-phenyle...	15.515	204	229924	7.292	ng		95
62) 4-Nitroaniline	15.521	138	115321	6.875	ng		90
63) Azobenzene	15.810	77	650598	9.129	ng		96
65) 4,6-Dinitro-2-methylph...	15.586	198	43532	11.495	ng		96
66) n-Nitrosodiphenylamine	15.727	169	405888	7.890	ng		98
67) 4-Bromophenyl-phenylether	16.409	248	120662	7.384	ng		99
68) Hexachlorobenzene	16.521	284	138884	7.503	ng		96
69) Atrazine	16.668	200	118173	8.311	ng		97
70) Pentachlorophenol	16.862	266	66812	6.226	ng		99
71) Phenanthrene	17.251	178	747109	8.061	ng		99
72) Anthracene	17.345	178	681076	7.649	ng		100
73) Carbazole	17.604	167	686326	7.778	ng		98
74) Di-n-butylphthalate	18.180	149	829801	7.859	ng		99
75) Fluoranthene	19.262	202	718081	7.101	ng		97
77) Benzidine	19.439	184	207917	11.147	ng		99
78) Pyrene	19.621	202	761772	7.886	ng		100
80) Butylbenzylphthalate	20.521	149	285300	7.672	ng		97
81) Benzo(a)anthracene	21.415	228	727681	8.430	ng		99
82) 3,3'-Dichlorobenzidine	21.339	252	189111	8.236	ng		97
83) Chrysene	21.480	228	678573	8.311	ng		98
84) Bis(2-ethylhexyl)phtha...	21.350	149	463086	7.949	ng	#	98
85) Di-n-octyl phthalate	22.497	149	639529	7.761	ng		97
87) Indeno(1,2,3-cd)pyrene	27.868	276	596705	8.493	ng		97
88) Benzo(b)fluoranthene	23.503	252	602911	7.937	ng		98
89) Benzo(k)fluoranthene	23.562	252	627405	8.334	ng		98
90) Benzo(a)pyrene	24.315	252	516597	8.298	ng		97
91) Dibenzo(a,h)anthracene	27.938	278	484578	8.198	ng		100
92) Benzo(g,h,i)perylene	28.932	276	449055	7.777	ng		94

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

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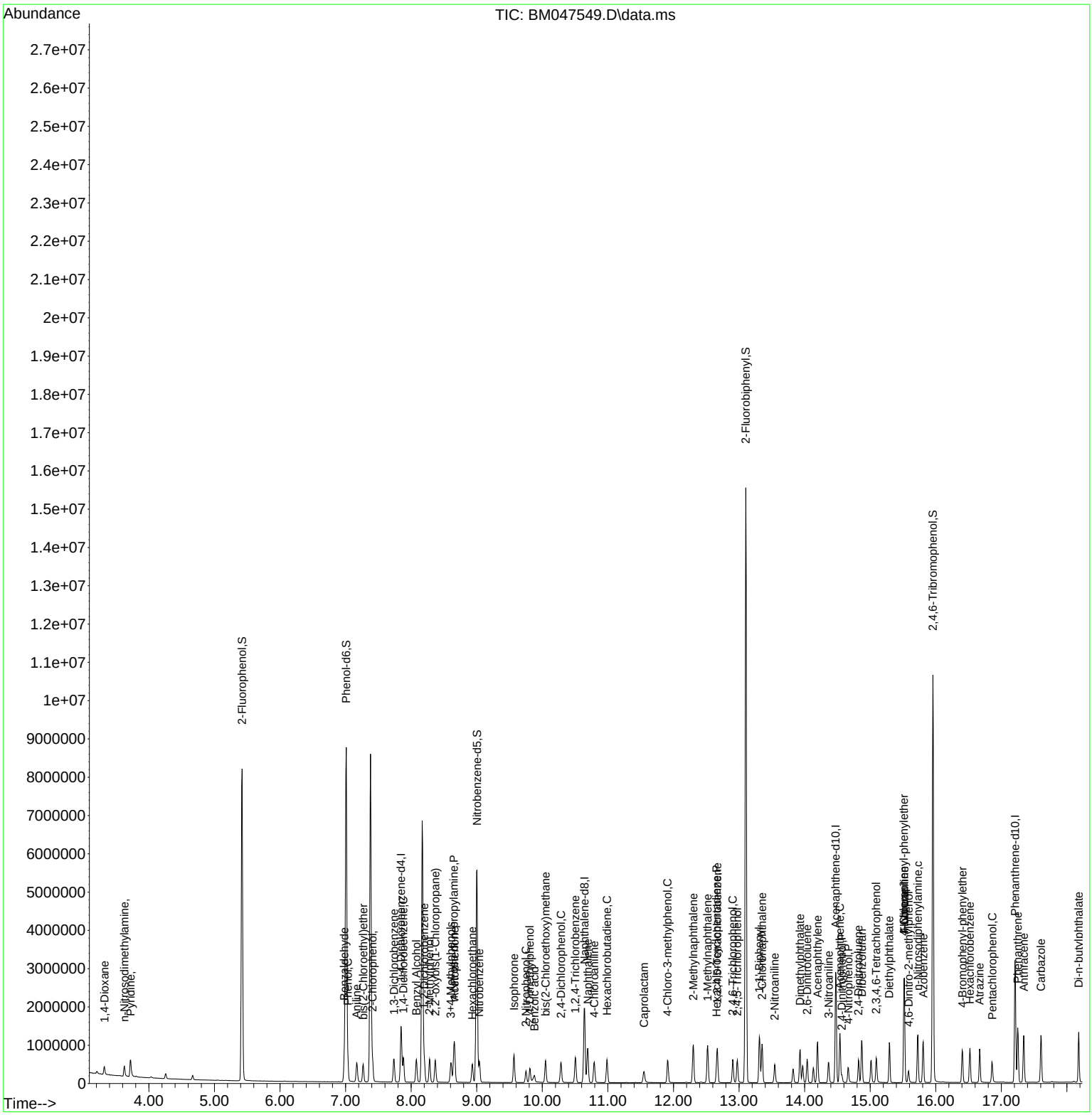

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