Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020625\
Data File : BM049592.D
Acq On : 06 Feb 2025 23:34
Operator : RC/JU
Sample : Q1168-07
Misc : LOD-MDL-SOIL 4PPM
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
LOD-MDL-WATER-01-QT1-2025

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/07/2025
Supervised By :mohammad ahmed 02/07/2025

Quant Time: Feb 07 01:33:26 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 06 04:55:28 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.822	152	212080	20.000	ng		0.00
21) Naphthalene-d8	10.622	136	769359	20.000	ng		0.00
39) Acenaphthene-d10	14.463	164	471787	20.000	ng		0.00
64) Phenanthrene-d10	17.204	188	879190	20.000	ng		0.00
76) Chrysene-d12	21.439	240	727368	20.000	ng		0.00
86) Perylene-d12	24.468	264	613590	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.393	112	1727150	130.960	ng		0.00
7) Phenol-d6	6.981	99	2221875	128.593	ng		0.00
23) Nitrobenzene-d5	8.975	82	1473900	98.541	ng		0.00
42) 2,4,6-Tribromophenol	15.945	330	711385	127.254	ng		0.00
45) 2-Fluorobiphenyl	13.086	172	3593389	98.669	ng		0.00
79) Terphenyl-d14	19.827	244	6203797	130.243	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.299	88	25940	4.678	ng		98
3) Pyridine	3.705	79	56213	3.648	ng	#	92
4) n-Nitrosodimethylamine	3.605	42	29307	4.065	ng	#	83
6) Aniline	7.146	93	69275	4.230	ng		99
8) 2-Chlorophenol	7.387	128	54692	4.153	ng		99
9) Benzaldehyde	6.957	77	60846	6.651	ng		99
10) Phenol	7.005	94	70233	4.127	ng		90
11) bis(2-Chloroethyl)ether	7.246	93	58899	4.278	ng		95
12) 1,3-Dichlorobenzene	7.716	146	64732	4.235	ng		97
13) 1,4-Dichlorobenzene	7.857	146	65012	4.205	ng		98
14) 1,2-Dichlorobenzene	8.175	146	63475	4.252	ng		97
15) Benzyl Alcohol	8.057	79	40948	3.406	ng		90
16) 2,2'-oxybis(1-Chloropr...	8.346	45	85194	4.597	ng		98
17) 2-Methylphenol	8.257	107	38387	3.689	ng		95
18) Hexachloroethane	8.910	117	23274	4.121	ng		95
19) n-Nitroso-di-n-propyla...	8.628	70	41889	3.702	ng		96
20) 3+4-Methylphenols	8.581	107	45142	3.286	ng		96
22) Acetophenone	8.640	105	85956	4.148	ng		96
24) Nitrobenzene	9.016	77	71298	4.906	ng		96
25) Isophorone	9.546	82	105826	3.923	ng		99
26) 2-Nitrophenol	9.734	139	9802	4.313	ng		94
27) 2,4-Dimethylphenol	9.793	122	23061m	2.704	ng		
28) bis(2-Chloroethoxy)met...	10.034	93	67459	3.883	ng		98
29) 2,4-Dichlorophenol	10.263	162	36276	3.088	ng		96
30) 1,2,4-Trichlorobenzene	10.481	180	59554	4.138	ng		100
31) Naphthalene	10.669	128	159901	3.941	ng		96
32) Benzoic acid	9.828	122	6724m	6.543	ng		
33) 4-Chloroaniline	10.769	127	57029	3.755	ng		98
34) Hexachlorobutadiene	10.969	225	33216	3.854	ng		95
35) Caprolactam	11.510	113	8873m	2.476	ng		
36) 4-Chloro-3-methylphenol	11.892	107	33120	2.827	ng		98
37) 2-Methylnaphthalene	12.281	142	104584	3.661	ng		96
38) 1-Methylnaphthalene	12.504	142	97604	3.511	ng		100
40) 1,2,4,5-Tetrachloroben...	12.651	216	59699	3.849	ng		99
41) Hexachlorocyclopentadiene	12.645	237	10571	2.670	ng		97
43) 2,4,6-Trichlorophenol	12.886	196	20293	2.397	ng		95

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44) 2,4,5-Trichlorophenol	12.957	196	25693	2.762	ng		94
46) 1,1'-Biphenyl	13.298	154	143498	3.987	ng		98
47) 2-Chloronaphthalene	13.334	162	109616	3.937	ng		98
48) 2-Nitroaniline	13.528	65	17581	6.316	ng		90
49) Acenaphthylene	14.181	152	163882	3.991	ng		99
50) Dimethylphthalate	13.916	163	121759	3.594	ng		99
51) 2,6-Dinitrotoluene	14.022	165	17045	2.907	ng	#	80
52) Acenaphthene	14.522	154	95525	3.505	ng		95
53) 3-Nitroaniline	14.351	138	17605	2.949	ng	#	91
54) 2,4-Dinitrophenol	14.551	184	2293	4.618	ng		89
55) Dibenzofuran	14.857	168	160178	3.691	ng		98
57) 2,4-Dinitrotoluene	14.810	165	18507	5.159	ng	#	86
58) Fluorene	15.510	166	124124	3.343	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.080	232	19760	2.514	ng		95
60) Diethylphthalate	15.286	149	112648	3.308	ng		97
61) 4-Chlorophenyl-phenyle...	15.504	204	64033	3.241	ng		91
62) 4-Nitroaniline	15.510	138	16638	6.176	ng		94
63) Azobenzene	15.798	77	132354	3.724	ng		97
65) 4,6-Dinitro-2-methylph...	15.575	198	3850	6.064	ng		91
66) n-Nitrosodiphenylamine	15.716	169	98164	3.540	ng		100
67) 4-Bromophenyl-phenylether	16.398	248	35747	3.500	ng		98
68) Hexachlorobenzene	16.510	284	42538	3.629	ng		96
69) Atrazine	16.669	200	27015	3.278	ng		94
70) Pentachlorophenol	16.845	266	12127m	9.098	ng		
71) Phenanthrene	17.245	178	188660	3.767	ng		98
72) Anthracene	17.333	178	172672	3.482	ng		99
73) Carbazole	17.598	167	157819	3.626	ng		100
74) Di-n-butylphthalate	18.186	149	144979	2.625	ng		99
75) Fluoranthene	19.257	202	188618	3.217	ng		99
77) Benzidine	19.439	184	16771	2.604	ng	#	95
78) Pyrene	19.615	202	202213	3.713	ng		99
81) Benzo(a)anthracene	21.421	228	180925	3.670	ng		98
82) 3,3'-Dichlorobenzidine	21.345	252	28388	2.140	ng	#	90
83) Chrysene	21.480	228	172705	3.739	ng		99
87) Indeno(1,2,3-cd)pyrene	27.897	276	126862m	3.786	ng		
88) Benzo(b)fluoranthene	23.509	252	136135	3.225	ng		98
89) Benzo(k)fluoranthene	23.574	252	143400	3.498	ng		98
90) Benzo(a)pyrene	24.327	252	112794	3.372	ng		99
91) Dibenzo(a,h)anthracene	27.962	278	96708m	3.652	ng		
92) Benzo(g,h,i)perylene	28.938	276	109011m	3.685	ng		

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

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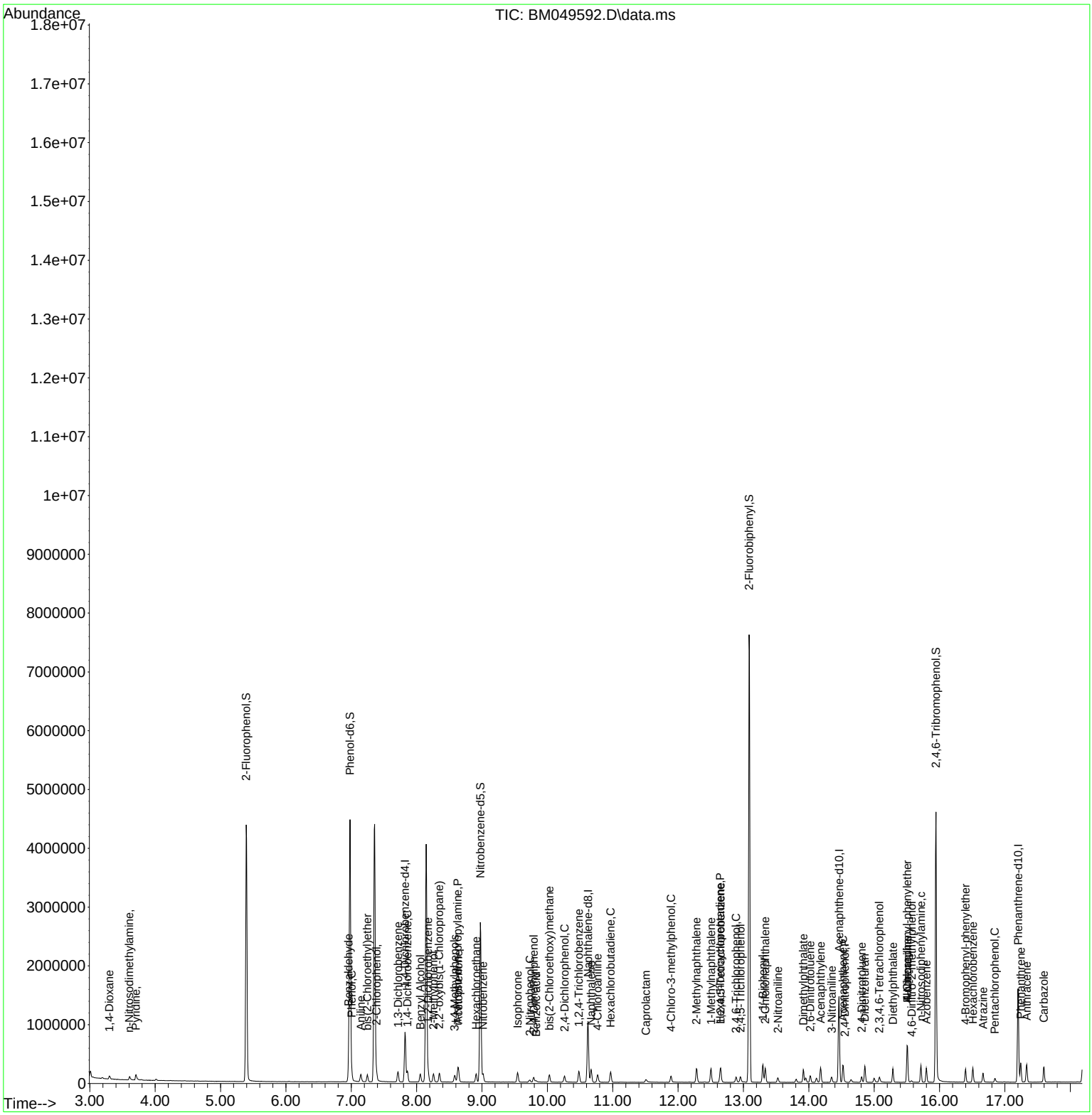

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