Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020725\
Data File : BM049601.D
Acq On : 07 Feb 2025 14:13
Operator : RC/JU
Sample : Q1168-09
Misc : MDL-MDL-WATER 8PPM
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MDL-WATER-03-QT1-2025

Quant Time: Feb 07 15:11:52 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	146482	20.000	ng		0.00
21) Naphthalene-d8	10.616	136	540203	20.000	ng		-0.01
39) Acenaphthene-d10	14.457	164	323342	20.000	ng		-0.01
64) Phenanthrene-d10	17.198	188	583765	20.000	ng		0.00
76) Chrysene-d12	21.439	240	478330	20.000	ng		0.00
86) Perylene-d12	24.462	264	398851	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.393	112	1026864	112.730	ng		0.00
7) Phenol-d6	6.975	99	1356942	113.704	ng		0.00
23) Nitrobenzene-d5	8.975	82	1054588	100.416	ng		0.00
42) 2,4,6-Tribromophenol	15.945	330	364675	95.182	ng		0.00
45) 2-Fluorobiphenyl	13.086	172	2453188	98.286	ng		0.00
79) Terphenyl-d14	19.827	244	3563089	113.749	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.299	88	38988	10.180	ng		97
3) Pyridine	3.699	79	96705	9.086	ng		96
4) n-Nitrosodimethylamine	3.599	42	49527	9.946	ng	#	89
6) Aniline	7.146	93	122035	10.789	ng		96
8) 2-Chlorophenol	7.387	128	86221	9.479	ng		97
9) Benzaldehyde	6.957	77	95993m	15.191	ng		
10) Phenol	7.005	94	114891	9.774	ng		97
11) bis(2-Chloroethyl)ether	7.246	93	92317	9.708	ng		97
12) 1,3-Dichlorobenzene	7.710	146	108293	10.257	ng		98
13) 1,4-Dichlorobenzene	7.857	146	107967	10.110	ng		99
14) 1,2-Dichlorobenzene	8.175	146	103373	10.025	ng		97
15) Benzyl Alcohol	8.052	79	68814	8.288	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.346	45	138684	10.833	ng		100
17) 2-Methylphenol	8.257	107	63711	8.864	ng		98
18) Hexachloroethane	8.910	117	37678	9.659	ng		97
19) n-Nitroso-di-n-propyla...	8.628	70	68992	8.828	ng		95
20) 3+4-Methylphenols	8.581	107	82260	8.670	ng		98
22) Acetophenone	8.640	105	141212	9.705	ng	#	95
24) Nitrobenzene	9.016	77	108868	10.670	ng		98
25) Isophorone	9.546	82	171581	9.059	ng		99
26) 2-Nitrophenol	9.728	139	16892	7.604	ng		91
27) 2,4-Dimethylphenol	9.787	122	54287	9.065	ng		95
28) bis(2-Chloroethoxy)met...	10.028	93	111198	9.116	ng		100
29) 2,4-Dichlorophenol	10.263	162	63713	7.725	ng		95
30) 1,2,4-Trichlorobenzene	10.481	180	93515	9.255	ng		96
31) Naphthalene	10.669	128	260246	9.134	ng		99
32) Benzoic acid	9.840	122	14028m	9.609	ng		
33) 4-Chloroaniline	10.769	127	96679	9.066	ng		97
34) Hexachlorobutadiene	10.969	225	57303	9.470	ng		99
35) Caprolactam	11.510	113	14389	5.719	ng		94
36) 4-Chloro-3-methylphenol	11.892	107	55335	6.728	ng		93
37) 2-Methylnaphthalene	12.281	142	172771	8.613	ng		99
38) 1-Methylnaphthalene	12.498	142	159402	8.167	ng		99
40) 1,2,4,5-Tetrachloroben...	12.651	216	100381	9.442	ng		99
41) Hexachlorocyclopentadiene	12.639	237	24731	9.113	ng		95
43) 2,4,6-Trichlorophenol	12.887	196	36409	6.276	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.951	196	44393	6.963	ng		92
46) 1,1'-Biphenyl	13.292	154	235908	9.564	ng		96
47) 2-Chloronaphthalene	13.334	162	180965	9.482	ng		100
48) 2-Nitroaniline	13.528	65	31726	9.890	ng		95
49) Acenaphthylene	14.181	152	265499	9.435	ng		100
50) Dimethylphthalate	13.916	163	192807	8.303	ng		99
51) 2,6-Dinitrotoluene	14.022	165	32283	8.034	ng		91
52) Acenaphthene	14.522	154	166996	8.940	ng		96
53) 3-Nitroaniline	14.345	138	31467	7.692	ng	#	90
54) 2,4-Dinitrophenol	14.545	184	3988	8.641	ng	#	1
55) Dibenzofuran	14.857	168	264869	8.905	ng		99
56) 4-Nitrophenol	14.645	139	15291m	4.434	ng		
57) 2,4-Dinitrotoluene	14.810	165	34837	9.541	ng		95
58) Fluorene	15.504	166	209825	8.247	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.081	232	36628m	6.800	ng		
60) Diethylphthalate	15.286	149	184751	7.917	ng		99
61) 4-Chlorophenyl-phenyle...	15.504	204	108148	7.986	ng		97
62) 4-Nitroaniline	15.504	138	31905	9.709	ng		90
63) Azobenzene	15.792	77	218946	8.989	ng		94
65) 4,6-Dinitro-2-methylph...	15.569	198	6644	9.323	ng		93
66) n-Nitrosodiphenylamine	15.716	169	160204	8.702	ng		97
67) 4-Bromophenyl-phenylether	16.398	248	56634	8.351	ng		99
68) Hexachlorobenzene	16.510	284	70023	8.996	ng		97
69) Atrazine	16.663	200	43677	7.981	ng		96
70) Pentachlorophenol	16.845	266	18685m	10.927	ng		
71) Phenanthrene	17.239	178	299316	9.000	ng		99
72) Anthracene	17.333	178	288942	8.775	ng		99
73) Carbazole	17.598	167	255632	8.845	ng		99
74) Di-n-butylphthalate	18.180	149	238516	6.504	ng	#	98
75) Fluoranthene	19.257	202	301788	7.751	ng		100
77) Benzidine	19.439	184	40212	9.493	ng	#	95
78) Pyrene	19.616	202	319760	8.928	ng		99
80) Butylbenzylphthalate	20.527	149	41982	3.767	ng		92
81) Benzo(a)anthracene	21.421	228	288644	8.904	ng		99
82) 3,3'-Dichlorobenzidine	21.345	252	51555	5.910	ng		98
83) Chrysene	21.480	228	273033	8.990	ng		98
84) Bis(2-ethylhexyl)phtha...	21.368	149	88945	4.655	ng		92
85) Di-n-octyl phthalate	22.527	149	99350	3.296	ng	#	91
87) Indeno(1,2,3-cd)pyrene	27.880	276	181917	8.352	ng		98
88) Benzo(b)fluoranthene	23.509	252	224069	8.166	ng		97
89) Benzo(k)fluoranthene	23.574	252	237154	8.899	ng		99
90) Benzo(a)pyrene	24.321	252	185289	8.521	ng		96
91) Dibenzo(a,h)anthracene	27.944	278	137498	7.987	ng		98
92) Benzo(g,h,i)perylene	28.933	276	151014	7.853	ng		97

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

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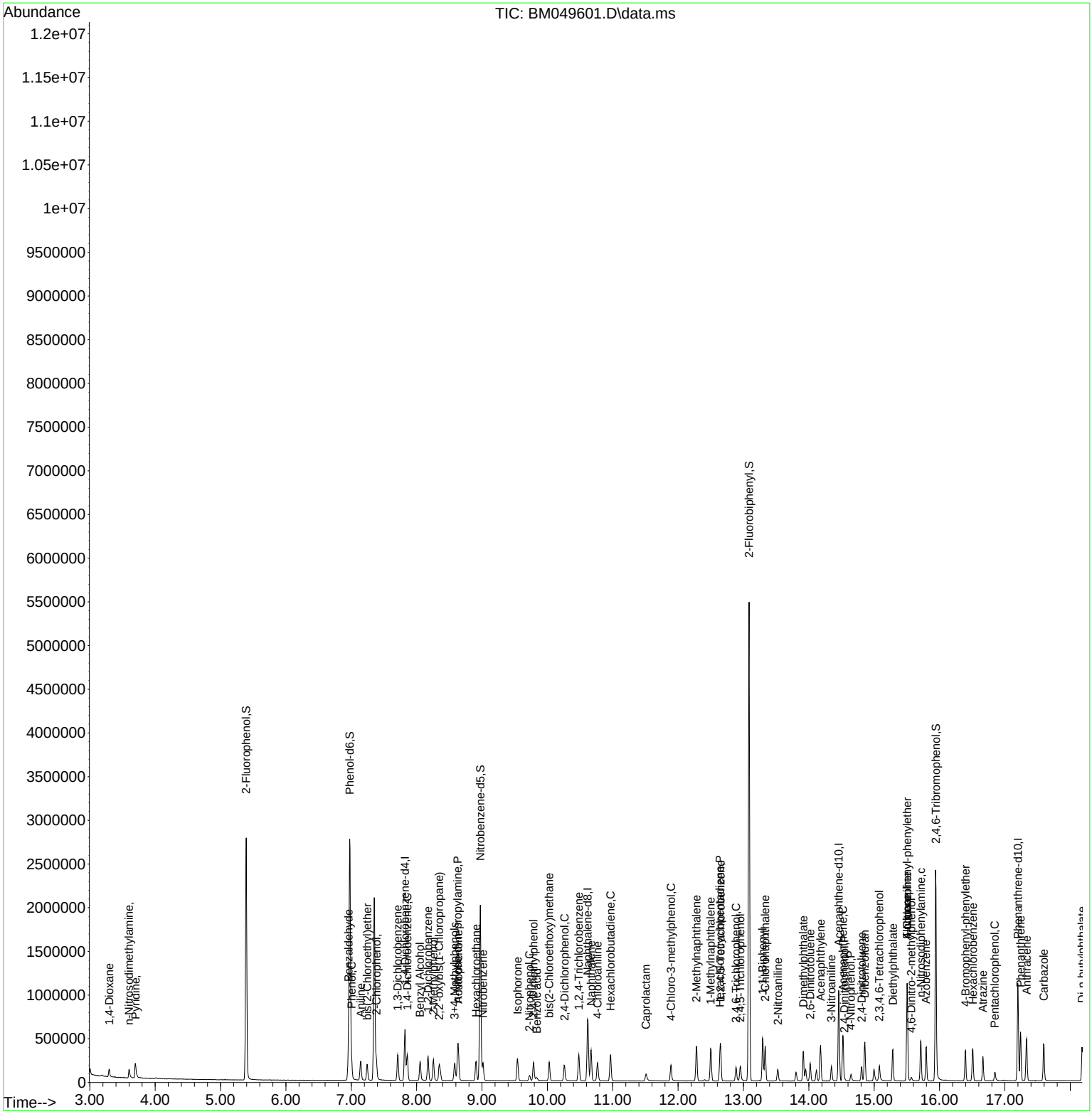

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