Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021925\
Data File : BP024098.D
Acq On : 19 Feb 2025 14:38
Operator : RC/JU
Sample : Q1168-07
Misc : LOD-MDL-WATER 8PPM
ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: Feb 19 15:06:08 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP021725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 18 02:25:07 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.757	152	337051	20.000	ng		0.00
21) Naphthalene-d8	10.534	136	1362393	20.000	ng		0.00
39) Acenaphthene-d10	14.380	164	692430	20.000	ng		-0.01
64) Phenanthrene-d10	17.180	188	1197059	20.000	ng		0.00
76) Chrysene-d12	21.621	240	1160788	20.000	ng		-0.02
86) Perylene-d12	24.997	264	1124548	20.000	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.375	112	2460224	113.895	ng		0.00
7) Phenol-d6	6.940	99	3188029	114.831	ng		0.00
23) Nitrobenzene-d5	8.910	82	2247109	92.017	ng		0.00
42) 2,4,6-Tribromophenol	15.898	330	861313	101.552	ng		0.00
45) 2-Fluorobiphenyl	12.998	172	4774652	96.399	ng		0.00
79) Terphenyl-d14	19.904	244	5531388	94.291	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.316	88	88950	10.497	ng		99
3) Pyridine	3.716	79	206452	9.371	ng		96
4) n-Nitrosodimethylamine	3.622	42	80495	10.301	ng	#	88
6) Aniline	7.093	93	298558	11.743	ng		100
8) 2-Chlorophenol	7.334	128	226519	9.908	ng		99
9) Benzaldehyde	6.910	77	192360m	15.176	ng		
10) Phenol	6.969	94	281820	10.095	ng		98
11) bis(2-Chloroethyl)ether	7.187	93	220613	10.033	ng		99
12) 1,3-Dichlorobenzene	7.651	146	256519	10.213	ng		98
13) 1,4-Dichlorobenzene	7.792	146	261984	10.314	ng		99
14) 1,2-Dichlorobenzene	8.110	146	245063	10.053	ng		99
15) Benzyl Alcohol	7.998	79	162805	9.580	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.275	45	232653m	10.899	ng		
17) 2-Methylphenol	8.198	107	156939	9.225	ng		98
18) Hexachloroethane	8.834	117	93928	10.268	ng		98
19) n-Nitroso-di-n-propyla...	8.557	70	142674	9.558	ng		97
20) 3+4-Methylphenols	8.522	107	208869	9.025	ng		99
22) Acetophenone	8.575	105	330598	9.443	ng	#	98
24) Nitrobenzene	8.945	77	244578	10.177	ng		95
25) Isophorone	9.475	82	373283	9.347	ng		99
26) 2-Nitrophenol	9.657	139	89041	8.042	ng		97
27) 2,4-Dimethylphenol	9.716	122	117617	8.092	ng		97
28) bis(2-Chloroethoxy)met...	9.945	93	275746	9.532	ng		99
29) 2,4-Dichlorophenol	10.192	162	168085	8.474	ng		98
30) 1,2,4-Trichlorobenzene	10.398	180	216064	9.507	ng		99
31) Naphthalene	10.581	128	710432	9.698	ng		99
32) Benzoic acid	9.804	122	69288	11.323	ng		97
33) 4-Chloroaniline	10.692	127	249816	9.680	ng		99
34) Hexachlorobutadiene	10.875	225	127061	9.653	ng		99
35) Caprolactam	11.469	113	39430	10.790	ng		99
36) 4-Chloro-3-methylphenol	11.822	107	163046	7.996	ng		96
37) 2-Methylnaphthalene	12.192	142	453773	9.320	ng		99
38) 1-Methylnaphthalene	12.416	142	397049	8.383	ng		99
40) 1,2,4,5-Tetrachloroben...	12.569	216	212492	9.988	ng		99
41) Hexachlorocyclopentadiene	12.551	237	70081	8.852	ng		99
43) 2,4,6-Trichlorophenol	12.810	196	105218	8.109	ng		98

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	12.880	196	117134	8.255	ng		95
46)	1,1'-Biphenyl	13.210	154	540830	10.051	ng		99
47)	2-Chloronaphthalene	13.257	162	407650	10.022	ng		98
48)	2-Nitroaniline	13.457	65	82726	8.610	ng		95
49)	Acenaphthylene	14.104	152	574376	9.585	ng		99
50)	Dimethylphthalate	13.839	163	434324	8.892	ng		100
51)	2,6-Dinitrotoluene	13.951	165	82719	8.314	ng		93
52)	Acenaphthene	14.451	154	366046	9.485	ng		100
53)	3-Nitroaniline	14.286	138	85810	8.082	ng	#	95
54)	2,4-Dinitrophenol	14.498	184	27837	11.611	ng		94
55)	Dibenzofuran	14.792	168	572064	9.125	ng		98
56)	4-Nitrophenol	14.610	139	61201	6.673	ng		93
57)	2,4-Dinitrotoluene	14.751	165	98901	7.652	ng		93
58)	Fluorene	15.445	166	438091	8.948	ng		99
59)	2,3,4,6-Tetrachlorophenol	15.022	232	98853m	8.030	ng		
60)	Diethylphthalate	15.221	149	415209	8.564	ng		98
61)	4-Chlorophenyl-phenyle...	15.445	204	213819	8.873	ng		100
62)	4-Nitroaniline	15.463	138	82757	9.421	ng		93
63)	Azobenzene	15.739	77	405597	8.927	ng		94
65)	4,6-Dinitro-2-methylph...	15.527	198	42356	10.828	ng		97
66)	n-Nitrosodiphenylamine	15.663	169	350384	9.386	ng		99
67)	4-Bromophenyl-phenylether	16.357	248	118996	8.852	ng		99
68)	Hexachlorobenzene	16.474	284	147364	9.317	ng		98
69)	Atrazine	16.633	200	100274	10.467	ng		99
70)	Pentachlorophenol	16.827	266	62011	6.036	ng		98
71)	Phenanthrene	17.221	178	655638	9.715	ng		100
72)	Anthracene	17.321	178	583563	9.023	ng		99
73)	Carbazole	17.592	167	551558	8.951	ng		99
74)	Di-n-butylphthalate	18.186	149	567365	7.891	ng		100
75)	Fluoranthene	19.304	202	658131	8.622	ng		100
77)	Benzidine	19.504	184	192741	13.626	ng		99
78)	Pyrene	19.680	202	705679	9.571	ng		98
80)	Butylbenzylphthalate	20.633	149	213163	7.545	ng		99
81)	Benzo(a)anthracene	21.598	228	692393	9.513	ng		99
82)	3,3'-Dichlorobenzidine	21.527	252	189889	8.349	ng		99
83)	Chrysene	21.668	228	664146	9.463	ng		99
84)	Bis(2-ethylhexyl)phtha...	21.551	149	315413	7.362	ng		96
85)	Di-n-octyl phthalate	22.839	149	417150	6.091	ng		96
87)	Indeno(1,2,3-cd)pyrene	28.821	276	796523m	9.956	ng		
88)	Benzo(b)fluoranthene	23.921	252	637930	8.933	ng		98
89)	Benzo(k)fluoranthene	23.992	252	663031	9.539	ng		98
90)	Benzo(a)pyrene	24.833	252	576113	9.506	ng		98
91)	Dibenzo(a,h)anthracene	28.909	278	662038	9.842	ng		99
92)	Benzo(g,h,i)perylene	29.997	276	619347	9.073	ng		100

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

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