Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021925\
Data File : BP024097.D
Acq On : 19 Feb 2025 13:57
Operator : RC/JU
Sample : Q1168-07
Misc : LOD-MDL-WATER 4PPM
ALS Vial : 7 Sample Multiplier: 1

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

Quant Time: Feb 19 14:31:22 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	7.763	152	374444	20.000	ng		0.00
21) Naphthalene-d8	10.534	136	1699619	20.000	ng		0.00
39) Acenaphthene-d10	14.392	164	995032	20.000	ng		0.00
64) Phenanthrene-d10	17.180	188	1856946	20.000	ng		0.00
76) Chrysene-d12	21.621	240	1688158	20.000	ng		-0.02
86) Perylene-d12	25.004	264	1475911	20.000	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.375	112	2623578	109.328	ng		0.00
7) Phenol-d6	6.940	99	3505844	113.668	ng		0.00
23) Nitrobenzene-d5	8.910	82	2772634	91.010	ng		0.00
42) 2,4,6-Tribromophenol	15.898	330	1354436	111.128	ng		0.00
45) 2-Fluorobiphenyl	13.004	172	6657161	93.532	ng		0.00
79) Terphenyl-d14	19.898	244	8693406	101.898	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.317	88	40926	4.348	ng		97
3) Pyridine	3.716	79	97980	4.003	ng		97
4) n-Nitrosodimethylamine	3.616	42	38649	4.452	ng	#	91
6) Aniline	7.099	93	148832	5.269	ng		99
8) 2-Chlorophenol	7.334	128	112918	4.446	ng		97
9) Benzaldehyde	6.910	77	101205m	7.187	ng		
10) Phenol	6.969	94	141387	4.559	ng		95
11) bis(2-Chloroethyl)ether	7.187	93	114274	4.678	ng		97
12) 1,3-Dichlorobenzene	7.652	146	124501	4.462	ng		98
13) 1,4-Dichlorobenzene	7.793	146	127716	4.526	ng		99
14) 1,2-Dichlorobenzene	8.110	146	121450	4.485	ng		99
15) Benzyl Alcohol	7.999	79	82542	4.372	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.275	45	124206m	5.238	ng		
17) 2-Methylphenol	8.199	107	76200	4.032	ng		97
18) Hexachloroethane	8.828	117	46224	4.548	ng		93
19) n-Nitroso-di-n-propyla...	8.557	70	78535	4.736	ng		97
20) 3+4-Methylphenols	8.522	107	104432	4.062	ng		99
22) Acetophenone	8.575	105	181730	4.161	ng	#	98
24) Nitrobenzene	8.952	77	137295	4.579	ng		98
25) Isophorone	9.469	82	208032	4.176	ng		99
26) 2-Nitrophenol	9.651	139	42896	3.105	ng		91
27) 2,4-Dimethylphenol	9.716	122	68856	3.797	ng		98
28) bis(2-Chloroethoxy)met...	9.946	93	158012	4.378	ng		99
29) 2,4-Dichlorophenol	10.193	162	83323	3.367	ng		99
30) 1,2,4-Trichlorobenzene	10.399	180	114040	4.022	ng		99
31) Naphthalene	10.587	128	390011	4.268	ng		100
32) Benzoic acid	9.787	122	37112	9.135	ng		97
33) 4-Chloroaniline	10.693	127	137755	4.279	ng		98
34) Hexachlorobutadiene	10.875	225	67861	4.132	ng		97
35) Caprolactam	11.469	113	21170m	7.819	ng		
36) 4-Chloro-3-methylphenol	11.828	107	83121	3.268	ng		93
37) 2-Methylnaphthalene	12.193	142	242606	3.994	ng		100
38) 1-Methylnaphthalene	12.416	142	229846m	3.890	ng		
40) 1,2,4,5-Tetrachloroben...	12.569	216	123749	4.048	ng		99
41) Hexachlorocyclopentadiene	12.551	237	37695	3.313	ng		99
43) 2,4,6-Trichlorophenol	12.810	196	57867	3.104	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.887	196	65657	3.220	ng		97
46) 1,1'-Biphenyl	13.210	154	333328	4.311	ng		99
47) 2-Chloronaphthalene	13.257	162	241353	4.129	ng		100
48) 2-Nitroaniline	13.457	65	47470	3.438	ng		93
49) Acenaphthylene	14.110	152	342828	3.981	ng		99
50) Dimethylphthalate	13.845	163	286254	4.078	ng		100
51) 2,6-Dinitrotoluene	13.957	165	49365	3.453	ng		90
52) Acenaphthene	14.451	154	229334	4.135	ng		99
53) 3-Nitroaniline	14.292	138	50483	3.309	ng	#	99
54) 2,4-Dinitrophenol	14.498	184	15084	9.224	ng		96
55) Dibenzofuran	14.792	168	363310	4.033	ng		99
56) 4-Nitrophenol	14.616	139	31290	2.374	ng		86
57) 2,4-Dinitrotoluene	14.751	165	57487	3.095	ng	#	83
58) Fluorene	15.451	166	276639	3.932	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.028	232	58802m	3.324	ng		
60) Diethylphthalate	15.216	149	269954	3.874	ng		99
61) 4-Chlorophenyl-phenyle...	15.445	204	138348	3.995	ng		98
62) 4-Nitroaniline	15.469	138	46540	5.688	ng		90
63) Azobenzene	15.739	77	258309	3.956	ng		94
65) 4,6-Dinitro-2-methylph...	15.528	198	23305	7.718	ng		86
66) n-Nitrosodiphenylamine	15.657	169	221461	3.824	ng		100
67) 4-Bromophenyl-phenylether	16.357	248	78030	3.742	ng		98
68) Hexachlorobenzene	16.475	284	96853	3.947	ng		96
69) Atrazine	16.639	200	65311	4.395	ng		98
70) Pentachlorophenol	16.833	266	36861	2.313	ng		97
71) Phenanthrene	17.222	178	436647	4.171	ng		100
72) Anthracene	17.322	178	384652	3.834	ng		99
73) Carbazole	17.598	167	347459	3.635	ng		99
74) Di-n-butylphthalate	18.192	149	372869	3.343	ng		100
75) Fluoranthene	19.304	202	427845	3.613	ng		98
77) Benzidine	19.498	184	100658	4.893	ng		99
78) Pyrene	19.680	202	456077	4.253	ng		99
80) Butylbenzylphthalate	20.633	149	128749	3.133	ng		99
81) Benzo(a)anthracene	21.598	228	428442	4.047	ng		99
82) 3,3'-Dichlorobenzidine	21.527	252	103221	3.121	ng		98
83) Chrysene	21.668	228	413692	4.053	ng		99
84) Bis(2-ethylhexyl)phtha...	21.545	149	184912	2.968	ng		98
85) Di-n-octyl phthalate	22.833	149	222476	2.234	ng	#	95
87) Indeno(1,2,3-cd)pyrene	28.803	276	386743m	3.683	ng		
88) Benzo(b)fluoranthene	23.921	252	361309	3.855	ng		98
89) Benzo(k)fluoranthene	23.992	252	365619	4.008	ng		98
90) Benzo(a)pyrene	24.833	252	303377	3.814	ng		99
91) Dibenzo(a,h)anthracene	28.886	278	320913	3.635	ng		99
92) Benzo(g,h,i)perylene	29.997	276	296009	3.304	ng		98

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

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