Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090424\
Data File : BG062650.D
Acq On : 4 Sep 2024 19:43
Operator : MA/JU
Sample : P2403-07
Misc : LOD-MDL-WATER-8 ng
ALS Vial : 16 Sample Multiplier: 1

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

Quant Time: Sep 05 04:52:08 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG083024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Aug 31 02:36:01 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.923	152	52878	20.000	ng		0.00
21) Naphthalene-d8	10.714	136	220570	20.000	ng		0.00
39) Acenaphthene-d10	14.545	164	176961	20.000	ng		0.00
64) Phenanthrene-d10	17.289	188	498391	20.000	ng		0.00
76) Chrysene-d12	21.531	240	559495	20.000	ng		0.00
86) Perylene-d12	24.598	264	623663	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.503	112	387979	126.827	ng		0.00
7) Phenol-d6	7.089	99	540406	122.282	ng		0.00
23) Nitrobenzene-d5	9.075	82	378903	92.516	ng		0.00
42) 2,4,6-Tribromophenol	16.031	330	356404	143.111	ng		0.00
45) 2-Fluorobiphenyl	13.170	172	978358	89.553	ng		0.00
79) Terphenyl-d14	19.909	244	2132433	75.573	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.411	88	11616	9.115	ng		99
3) Pyridine	3.805	79	29396	8.006	ng		98
4) n-Nitrosodimethylamine	3.716	42	14938	8.368	ng	#	99
6) Aniline	7.248	93	39414	9.546	ng		92
8) 2-Chlorophenol	7.483	128	26527	8.077	ng		91
9) Benzaldehyde	7.060	77	27441	10.675	ng		97
10) Phenol	7.112	94	36333	8.121	ng		95
11) bis(2-Chloroethyl)ether	7.347	93	28941	8.449	ng		94
12) 1,3-Dichlorobenzene	7.812	146	29227	8.109	ng		98
13) 1,4-Dichlorobenzene	7.959	146	29592	7.978	ng		98
14) 1,2-Dichlorobenzene	8.276	146	28937	7.937	ng		91
15) Benzyl Alcohol	8.152	79	24483	7.487	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.440	45	50872	7.793	ng		96
17) 2-Methylphenol	8.358	107	22449	7.198	ng		97
18) Hexachloroethane	8.998	117	10800	7.766	ng		87
19) n-Nitroso-di-n-propyla...	8.716	70	24672	7.085	ng		97
20) 3+4-Methylphenols	8.681	107	30151	6.553	ng		99
22) Acetophenone	8.734	105	48045	8.074	ng	#	97
24) Nitrobenzene	9.116	77	37437	8.597	ng		95
25) Isophorone	9.633	82	70629	7.856	ng		99
26) 2-Nitrophenol	9.833	139	13803	8.389	ng		88
27) 2,4-Dimethylphenol	9.886	122	17227	7.146	ng		91
28) bis(2-Chloroethoxy)met...	10.121	93	39723	8.254	ng		98
29) 2,4-Dichlorophenol	10.362	162	27844	8.260	ng		92
30) 1,2,4-Trichlorobenzene	10.579	180	34229	8.566	ng		98
31) Naphthalene	10.761	128	89109	8.151	ng		98
32) Benzoic acid	9.956	122	13936m	5.375	ng		
33) 4-Chloroaniline	10.867	127	37901	8.809	ng		94
34) Hexachlorobutadiene	11.055	225	23354	8.368	ng		94
35) Caprolactam	11.607	113	9668	7.440	ng		96
36) 4-Chloro-3-methylphenol	11.989	107	29910	7.356	ng		99
37) 2-Methylnaphthalene	12.371	142	68405	8.067	ng		98
38) 1-Methylnaphthalene	12.588	142	63690	7.480	ng		94
40) 1,2,4,5-Tetrachloroben...	12.735	216	46856	8.805	ng		96
41) Hexachlorocyclopentadiene	12.718	237	13897	9.152	ng		98
43) 2,4,6-Trichlorophenol	12.976	196	28102	8.330	ng		94

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LOD-MDL-WATER-01-QT2-2024

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG083024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.047	196	31130	8.148	ng		99
46) 1,1'-Biphenyl	13.376	154	102922	8.718	ng		98
47) 2-Chloronaphthalene	13.423	162	79033	8.260	ng		94
48) 2-Nitroaniline	13.617	65	21105	8.386	ng		94
49) Acenaphthylene	14.263	152	126453	8.925	ng		98
50) Dimethylphthalate	13.993	163	108069	8.352	ng		100
51) 2,6-Dinitrotoluene	14.110	165	19910	8.135	ng		96
52) Acenaphthene	14.610	154	76789	8.669	ng		97
53) 3-Nitroaniline	14.439	138	19798	8.360	ng		98
54) 2,4-Dinitrophenol	14.645	184	7377	5.371	ng		89
55) Dibenzofuran	14.944	168	132297	8.709	ng		93
56) 4-Nitrophenol	14.751	139	16142	8.043	ng		91
57) 2,4-Dinitrotoluene	14.903	165	27388	8.201	ng		93
58) Fluorene	15.591	166	102416	8.591	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.168	232	30832	8.519	ng	#	96
60) Diethylphthalate	15.362	149	107270	8.364	ng		99
61) 4-Chlorophenyl-phenyle...	15.585	204	60160	8.790	ng		93
62) 4-Nitroaniline	15.602	138	22087	8.458	ng		86
63) Azobenzene	15.879	77	99597	8.270	ng		97
65) 4,6-Dinitro-2-methylph...	15.661	198	15315	6.886	ng		90
66) n-Nitrosodiphenylamine	15.796	169	93818	7.830	ng		99
67) 4-Bromophenyl-phenylether	16.478	248	40340	7.843	ng		96
68) Hexachlorobenzene	16.595	284	50003	8.208	ng		96
69) Atrazine	16.742	200	42997	10.565	ng		98
70) Pentachlorophenol	16.936	266	22885	5.865	ng		96
71) Phenanthrene	17.330	178	199861	8.591	ng		97
72) Anthracene	17.418	178	198154	8.663	ng		97
73) Carbazole	17.688	167	176675	8.403	ng		97
74) Di-n-butylphthalate	18.252	149	190846	8.048	ng		98
75) Fluoranthene	19.339	202	253596	8.619	ng		98
77) Benzidine	19.521	184	109275	10.836	ng		97
78) Pyrene	19.704	202	274658	7.723	ng		98
80) Butylbenzylphthalate	20.597	149	73476	7.034	ng		97
81) Benzo(a)anthracene	21.513	228	293138	8.307	ng		98
82) 3,3'-Dichlorobenzidine	21.431	252	97607	8.491	ng		94
83) Chrysene	21.578	228	283114	8.376	ng		98
84) Bis(2-ethylhexyl)phtha...	21.437	149	115429	7.273	ng	#	96
85) Di-n-octyl phthalate	22.594	149	190785	6.866	ng		100
87) Indeno(1,2,3-cd)pyrene	28.053	276	331648	8.293	ng		98
88) Benzo(b)fluoranthene	23.628	252	270549m	7.854	ng		
89) Benzo(k)fluoranthene	23.693	252	284345	8.438	ng		98
90) Benzo(a)pyrene	24.451	252	255624	8.400	ng		100
91) Dibenzo(a,h)anthracene	28.117	278	270366	8.207	ng		98
92) Benzo(g,h,i)perylene	29.134	276	255001	7.676	ng		99

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

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