Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG061623\
Data File : BG057742.D
Acq On : 16 Jun 2023 20:07
Operator : CG/JU
Sample : PB153157BSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB153157BSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 06/19/2023
Supervised By :mohammad ahmed 06/20/2023

Quant Time: Jun 17 03:59:10 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 15 15:28:07 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.930	152	25401	20.000	ng		-0.01
21) Naphthalene-d8	10.738	136	120172	20.000	ng		0.00
39) Acenaphthene-d10	14.563	164	92051	20.000	ng		-0.01
64) Phenanthrene-d10	17.307	188	234340	20.000	ng		-0.01
76) Chrysene-d12	21.567	240	197043	20.000	ng		0.00
86) Perylene-d12	24.722	264	243580	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.503	112	247610	158.727	ng		0.00
7) Phenol-d6	7.090	99	372922	155.611	ng		0.00
23) Nitrobenzene-d5	9.093	82	215392	106.785	ng		0.00
42) 2,4,6-Tribromophenol	16.055	330	189766	184.782	ng		0.00
45) 2-Fluorobiphenyl	13.188	172	536320	86.848	ng		-0.01
79) Terphenyl-d14	19.927	244	1045780	98.126	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.411	88	24127	30.379	ng		92
3) Pyridine	3.799	79	67418	29.987	ng		94
4) n-Nitrosodimethylamine	3.717	42	43288	39.477	ng		86
6) Aniline	7.254	93	125949	40.057	ng		96
8) 2-Chlorophenol	7.495	128	87419	58.448	ng		92
9) Benzaldehyde	7.066	77	40403	27.352	ng		96
10) Phenol	7.119	94	131335	56.084	ng		97
11) bis(2-Chloroethyl)ether	7.354	93	83746	45.628	ng		100
12) 1,3-Dichlorobenzene	7.818	146	78032	45.101	ng		98
13) 1,4-Dichlorobenzene	7.965	146	79286	46.220	ng		99
14) 1,2-Dichlorobenzene	8.288	146	78342	47.003	ng		99
15) Benzyl Alcohol	8.165	79	94445	51.457	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.458	45	167481m	41.907	ng		
17) 2-Methylphenol	8.364	107	87809	50.956	ng		97
18) Hexachloroethane	9.017	117	28443	53.655	ng		94
19) n-Nitroso-di-n-propyla...	8.735	70	78142	45.095	ng		97
20) 3+4-Methylphenols	8.694	107	124091	52.667	ng		97
22) Acetophenone	8.752	105	149603	42.852	ng	#	96
24) Nitrobenzene	9.134	77	106346	48.973	ng		98
25) Isophorone	9.657	82	235279	42.240	ng		99
26) 2-Nitrophenol	9.845	139	41912	64.932	ng		91
27) 2,4-Dimethylphenol	9.898	122	96796	52.043	ng		98
28) bis(2-Chloroethoxy)met...	10.139	93	129657	44.778	ng		99
29) 2,4-Dichlorophenol	10.374	162	93834	59.474	ng		98
30) 1,2,4-Trichlorobenzene	10.597	180	90894	44.324	ng		96
31) Naphthalene	10.785	128	278898	43.183	ng		98
32) Benzoic acid	10.027	122	74210	102.102	ng		95
33) 4-Chloroaniline	10.885	127	88993	29.596	ng		97
34) Hexachlorobutadiene	11.073	225	54641	42.372	ng		98
35) Caprolactam	11.655	113	38461m	59.093	ng		
36) 4-Chloro-3-methylphenol	12.007	107	125630	56.206	ng		100
37) 2-Methylnaphthalene	12.395	142	201638	42.200	ng		96
38) 1-Methylnaphthalene	12.612	142	193525	43.173	ng	#	99
40) 1,2,4,5-Tetrachloroben...	12.759	216	110820	42.529	ng		99
41) Hexachlorocyclopentadiene	12.742	237	141781	142.657	ng		99
43) 2,4,6-Trichlorophenol	12.994	196	88176	51.988	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.065	196	101723	50.799	ng		94
46) 1,1'-Biphenyl	13.400	154	283142	44.519	ng		98
47) 2-Chloronaphthalene	13.441	162	218669	45.490	ng		98
48) 2-Nitroaniline	13.641	65	87547	60.978	ng		96
49) Acenaphthylene	14.287	152	369713	44.349	ng		97
50) Dimethylphthalate	14.023	163	322751	47.820	ng		100
51) 2,6-Dinitrotoluene	14.140	165	66531	61.360	ng		84
52) Acenaphthene	14.628	154	257516m	51.534	ng		
53) 3-Nitroaniline	14.469	138	54322	47.191	ng	#	88
54) 2,4-Dinitrophenol	14.669	184	71643	127.795	ng		99
55) Dibenzofuran	14.963	168	371092	44.242	ng		99
56) 4-Nitrophenol	14.769	139	128706	109.267	ng		93
57) 2,4-Dinitrotoluene	14.921	165	95992	66.192	ng		95
58) Fluorene	15.615	166	300378	44.955	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.186	232	92230	55.007	ng		99
60) Diethylphthalate	15.386	149	343503	49.304	ng		99
61) 4-Chlorophenyl-phenyle...	15.603	204	160785	44.916	ng		99
62) 4-Nitroaniline	15.632	138	74402	57.140	ng		92
63) Azobenzene	15.897	77	336554	44.926	ng		98
65) 4,6-Dinitro-2-methylph...	15.685	198	51617	75.206	ng		92
66) n-Nitrosodiphenylamine	15.820	169	274617	44.829	ng		99
67) 4-Bromophenyl-phenylether	16.502	248	109560	45.915	ng		97
68) Hexachlorobenzene	16.614	284	119178	47.792	ng		97
69) Atrazine	16.766	200	107912	52.947	ng		95
70) Pentachlorophenol	16.954	266	167784	112.073	ng		96
71) Phenanthrene	17.354	178	519496	45.430	ng		98
72) Anthracene	17.442	178	530440	45.790	ng		99
73) Carbazole	17.712	167	506084	47.172	ng		99
74) Di-n-butylphthalate	18.276	149	625784	52.625	ng		99
75) Fluoranthene	19.363	202	627618	45.560	ng		99
77) Benzidine	19.540	184	249393	53.093	ng		98
78) Pyrene	19.722	202	647109	46.157	ng		99
80) Butylbenzylphthalate	20.615	149	269619	52.426	ng		99
81) Benzo(a)anthracene	21.543	228	633397	46.547	ng		100
82) 3,3'-Dichlorobenzidine	21.467	252	224180	50.578	ng		99
83) Chrysene	21.608	228	586527	45.290	ng		99
84) Bis(2-ethylhexyl)phtha...	21.461	149	379355	54.923	ng		99
85) Di-n-octyl phthalate	22.654	149	700056	58.779	ng		96
87) Indeno(1,2,3-cd)pyrene	28.318	276	777388	49.325	ng		99
88) Benzo(b)fluoranthene	23.723	252	665624	50.373	ng		100
89) Benzo(k)fluoranthene	23.788	252	655561	47.835	ng		97
90) Benzo(a)pyrene	24.575	252	591548	45.531	ng		98
91) Dibenzo(a,h)anthracene	28.388	278	643330	49.396	ng		99
92) Benzo(g,h,i)perylene	29.446	276	626157	48.168	ng		98

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

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