Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042522\
Data File : BG053308.D
Acq On : 25 Apr 2022 14:21
Operator : CG/JU
Sample : PB144314BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Apr 25 18:26:34 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Apr 24 01:13:30 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB144314BSD

Manual Integrations APPROVED
Reviewed By :Christian Giraldo 04/26/2022
Supervised By :Jagrut Upadhyay 04/26/2022

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04/26/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.111	152	26503	20.000	ng		0.00
21) Naphthalene-d8	10.919	136	114866	20.000	ng		0.00
39) Acenaphthene-d10	14.732	164	90853	20.000	ng		0.00
64) Phenanthrene-d10	17.475	188	226954	20.000	ng		0.00
76) Chrysene-d12	21.763	240	210506	20.000	ng		0.00
86) Perylene-d12	25.053	264	197856	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.673	112	207670	134.318	ng		0.00
7) Phenol-d6	7.271	99	307445	128.948	ng		0.00
23) Nitrobenzene-d5	9.268	82	213074	75.319	ng		0.00
42) 2,4,6-Tribromophenol	16.224	330	170755	118.134	ng		0.00
45) 2-Fluorobiphenyl	13.357	172	491925	74.661	ng		0.00
79) Terphenyl-d14	20.077	244	999896	80.222	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.547	88	20165	27.311	ng		90
3) Pyridine	3.946	79	45397	23.312	ng	#	85
4) n-Nitrosodimethylamine	3.858	42	38680	40.110	ng		91
6) Aniline	7.424	93	103830	37.576	ng		95
8) 2-Chlorophenol	7.676	128	81071	48.570	ng		96
9) Benzaldehyde	7.236	77	49832m	34.965	ng		
10) Phenol	7.300	94	112109	47.238	ng		95
11) bis(2-Chloroethyl)ether	7.518	93	75309	44.020	ng		93
12) 1,3-Dichlorobenzene	7.999	146	80261	41.381	ng		96
13) 1,4-Dichlorobenzene	8.140	146	81771	41.353	ng		94
14) 1,2-Dichlorobenzene	8.458	146	81566	42.776	ng		97
15) Benzyl Alcohol	8.340	79	92008	43.415	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.628	45	124523	43.597	ng		99
17) 2-Methylphenol	8.552	107	76641	47.722	ng		96
18) Hexachloroethane	9.192	117	30849	41.603	ng		95
19) n-Nitroso-di-n-propyla...	8.910	70	75324	43.153	ng	#	96
20) 3+4-Methylphenols	8.875	107	106676	47.053	ng		98
22) Acetophenone	8.928	105	136970	42.982	ng	#	99
24) Nitrobenzene	9.309	77	113749	41.338	ng		91
25) Isophorone	9.832	82	200021	41.598	ng		99
26) 2-Nitrophenol	10.026	139	47887	41.618	ng	#	88
27) 2,4-Dimethylphenol	10.085	122	80038	48.570	ng		93
28) bis(2-Chloroethoxy)met...	10.308	93	107924	39.951	ng		97
29) 2,4-Dichlorophenol	10.567	162	90423	43.648	ng		98
30) 1,2,4-Trichlorobenzene	10.784	180	94126	40.144	ng		92
31) Naphthalene	10.966	128	257882	42.080	ng		99
32) Benzoic acid	10.243	122	42097	39.914	ng		93
33) 4-Chloroaniline	11.078	127	77013	29.345	ng		95
34) Hexachlorobutadiene	11.254	225	67281	38.630	ng		96
35) Caprolactam	11.841	113	33284m	45.581	ng		
36) 4-Chloro-3-methylphenol	12.194	107	106241	44.050	ng		95
37) 2-Methylnaphthalene	12.564	142	197720	43.602	ng		97
38) 1-Methylnaphthalene	12.787	142	182664	41.267	ng		96
40) 1,2,4,5-Tetrachloroben...	12.934	216	126183	40.893	ng		99
41) Hexachlorocyclopentadiene	12.916	237	114166	71.672	ng		94
43) 2,4,6-Trichlorophenol	13.175	196	83439	39.220	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.251	196	91448	40.337	ng		97
46) 1,1'-Biphenyl	13.568	154	270386	41.327	ng		98
47) 2-Chloronaphthalene	13.615	162	206598	39.579	ng		96
48) 2-Nitroaniline	13.809	65	82763	41.780	ng		98
49) Acenaphthylene	14.455	152	342135	41.871	ng		97
50) Dimethylphthalate	14.179	163	299005	41.147	ng		99
51) 2,6-Dinitrotoluene	14.297	165	64640	42.639	ng	#	84
52) Acenaphthene	14.796	154	259722m	46.870	ng		
53) 3-Nitroaniline	14.632	138	52463	32.728	ng		96
54) 2,4-Dinitrophenol	14.843	184	80390	83.341	ng	#	89
55) Dibenzofuran	15.131	168	350041	40.342	ng		99
56) 4-Nitrophenol	14.949	139	105399	86.211	ng	#	82
57) 2,4-Dinitrotoluene	15.090	165	95834	44.403	ng		87
58) Fluorene	15.777	166	291382	41.579	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.360	232	87341	39.671	ng		100
60) Diethylphthalate	15.536	149	313405	41.163	ng		98
61) 4-Chlorophenyl-phenyle...	15.765	204	159493	40.148	ng		98
62) 4-Nitroaniline	15.795	138	72808	43.043	ng		87
63) Azobenzene	16.059	77	313252	40.808	ng		99
65) 4,6-Dinitro-2-methylph...	15.859	198	60459	38.183	ng		94
66) n-Nitrosodiphenylamine	15.977	169	266298	40.803	ng		97
67) 4-Bromophenyl-phenylether	16.658	248	116079	39.916	ng		98
68) Hexachlorobenzene	16.788	284	128957	40.948	ng		92
69) Atrazine	16.923	200	118140	46.341	ng		98
70) Pentachlorophenol	17.134	266	141004	81.923	ng		91
71) Phenanthrene	17.522	178	511977	41.300	ng		97
72) Anthracene	17.610	178	520832	42.409	ng		98
73) Carbazole	17.880	167	484002	40.542	ng		99
74) Di-n-butylphthalate	18.427	149	563990	41.655	ng		99
75) Fluoranthene	19.525	202	645503	40.622	ng		99
77) Benzidine	19.695	184	257530	42.878	ng		100
78) Pyrene	19.889	202	643753	42.939	ng		98
80) Butylbenzylphthalate	20.759	149	232698	41.632	ng		95
81) Benzo(a)anthracene	21.740	228	574536	39.918	ng		98
82) 3,3'-Dichlorobenzidine	21.646	252	158534	29.950	ng		97
83) Chrysene	21.810	228	558219	41.790	ng		99
84) Bis(2-ethylhexyl)phtha...	21.628	149	314307	41.602	ng		100
85) Di-n-octyl phthalate	22.862	149	528294	41.810	ng		96
87) Indeno(1,2,3-cd)pyrene	28.836	276	652871	44.414	ng	#	96
88) Benzo(b)fluoranthene	24.013	252	580382	46.492	ng		98
89) Benzo(k)fluoranthene	24.084	252	564868	46.040	ng		99
90) Benzo(a)pyrene	24.906	252	561674	52.814	ng		96
91) Dibenzo(a,h)anthracene	28.901	278	561147	46.381	ng		97
92) Benzo(g,h,i)perylene	30.028	276	549717	46.099	ng		97

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

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