Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111621\
Data File : BG051063.D
Acq On : 16 Nov 2021 12:07
Operator : CG/JU
Sample : PB140766BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB140766BSD

Quant Time: Nov 16 13:34:27 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 15 03:55:35 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.224	152	42374	20.000	ng		0.00
21) Naphthalene-d8	11.056	136	198680	20.000	ng	#	0.00
39) Acenaphthene-d10	14.858	164	133675	20.000	ng		0.00
64) Phenanthrene-d10	17.601	188	285216	20.000	ng	#	0.00
76) Chrysene-d12	21.902	240	233028	20.000	ng	#	0.00
86) Perylene-d12	25.316	264	225782	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.762	112	368978	130.258	ng		0.00
7) Phenol-d6	7.378	99	495121	123.837	ng		0.00
23) Nitrobenzene-d5	9.405	82	341187	76.018	ng		0.00
42) 2,4,6-Tribromophenol	16.344	330	163275	122.054	ng		0.00
45) 2-Fluorobiphenyl	13.477	172	666302	78.757	ng		0.00
79) Terphenyl-d14	20.193	244	998510	78.405	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.606	88	35289	27.822	ng		87
3) Pyridine	4.023	79	95191	25.311	ng	#	92
4) n-Nitrosodimethylamine	3.935	42	66337	39.766	ng	#	38
6) Aniline	7.549	93	216014	45.364	ng		97
8) 2-Chlorophenol	7.784	128	136468	46.904	ng		94
9) Benzaldehyde	7.361	77	105111	36.534	ng		90
10) Phenol	7.402	94	187855	45.750	ng		84
11) bis(2-Chloroethyl)ether	7.637	93	134912	42.641	ng		90
12) 1,3-Dichlorobenzene	8.113	146	132588	41.840	ng		96
13) 1,4-Dichlorobenzene	8.259	146	135919	42.614	ng		95
14) 1,2-Dichlorobenzene	8.583	146	133950	43.241	ng		96
15) Benzyl Alcohol	8.465	79	146680	46.643	ng		90
16) 2,2'-oxybis(1-Chloropr...	8.741	45	206223	40.661	ng		86
17) 2-Methylphenol	8.665	107	127180	46.518	ng		92
18) Hexachloroethane	9.317	117	51323	42.391	ng		95
19) n-Nitroso-di-n-propyla...	9.035	70	126937	42.962	ng	#	86
20) 3+4-Methylphenols	8.994	107	177792	46.083	ng		90
22) Acetophenone	9.059	105	219253	39.705	ng		94
24) Nitrobenzene	9.446	77	181247	40.960	ng		92
25) Isophorone	9.969	82	334553	41.240	ng	#	96
26) 2-Nitrophenol	10.157	139	79951	42.513	ng	#	88
27) 2,4-Dimethylphenol	10.210	122	139751	48.752	ng		91
28) bis(2-Chloroethoxy)met...	10.439	93	186238	38.622	ng		92
29) 2,4-Dichlorophenol	10.698	162	134394	43.849	ng		98
30) 1,2,4-Trichlorobenzene	10.909	180	138893	40.451	ng		95
31) Naphthalene	11.103	128	428735	40.187	ng		97
32) Benzoic acid	10.363	122	91838	41.570	ng	#	81
33) 4-Chloroaniline	11.215	127	178865	39.683	ng		94
34) Hexachlorobutadiene	11.368	225	82223	39.355	ng		98
35) Caprolactam	12.014	113	53610	64.333	ng	#	73
36) 4-Chloro-3-methylphenol	12.319	107	166655	43.583	ng		92
37) 2-Methylnaphthalene	12.695	142	314189	43.340	ng		92
38) 1-Methylnaphthalene	12.913	142	287198	40.540	ng		93
40) 1,2,4,5-Tetrachloroben...	13.060	216	160129	41.119	ng		98
41) Hexachlorocyclopentadiene	13.024	237	148142	111.705	ng		90
43) 2,4,6-Trichlorophenol	13.295	196	117569	42.315	ng		94

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.371	196	127249	42.943	ng		94
46) 1,1'-Biphenyl	13.688	154	388492	39.799	ng		93
47) 2-Chloronaphthalene	13.741	162	311317	40.676	ng		98
48) 2-Nitroaniline	13.941	65	124643	42.527	ng		88
49) Acenaphthylene	14.581	152	512119	41.372	ng		98
50) Dimethylphthalate	14.299	163	423537	40.269	ng		100
51) 2,6-Dinitrotoluene	14.429	165	93843	43.353	ng		83
52) Acenaphthene	14.922	154	299906	41.581	ng		94
53) 3-Nitroaniline	14.764	138	96666	38.210	ng		96
54) 2,4-Dinitrophenol	14.975	184	110579	93.414	ng		84
55) Dibenzofuran	15.251	168	488076	39.785	ng		97
56) 4-Nitrophenol	15.069	139	156187	80.701	ng	#	74
57) 2,4-Dinitrotoluene	15.222	165	131284	42.745	ng	#	89
58) Fluorene	15.903	166	393445	41.086	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.475	232	105272	41.713	ng		97
60) Diethylphthalate	15.651	149	441315	39.987	ng		97
61) 4-Chlorophenyl-phenyle...	15.880	204	212437	41.071	ng		97
62) 4-Nitroaniline	15.927	138	101269	38.510	ng	#	63
63) Azobenzene	16.180	77	465678	39.817	ng		82
65) 4,6-Dinitro-2-methylph...	15.986	198	73970	41.920	ng		90
66) n-Nitrosodiphenylamine	16.103	169	357238	43.613	ng		97
67) 4-Bromophenyl-phenylether	16.779	248	129507	43.349	ng		95
68) Hexachlorobenzene	16.902	284	132609	45.094	ng		95
69) Atrazine	17.043	200	135835	66.698	ng		97
70) Pentachlorophenol	17.249	266	151817	90.972	ng		98
71) Phenanthrene	17.648	178	642222	42.214	ng		98
72) Anthracene	17.737	178	646839	42.750	ng		98
73) Carbazole	18.007	167	576917	38.501	ng		98
74) Di-n-butylphthalate	18.536	149	715571	40.305	ng	#	96
75) Fluoranthene	19.646	202	723488	38.762	ng		96
77) Benzidine	19.822	184	608071	138.049	ng		97
78) Pyrene	20.005	202	720063	41.190	ng		98
80) Butylbenzylphthalate	20.868	149	309784	41.226	ng		98
81) Benzo(a)anthracene	21.885	228	658409	41.148	ng		100
82) 3,3'-Dichlorobenzidine	21.791	252	233534	31.913	ng	#	99
83) Chrysene	21.955	228	633910	41.997	ng		96
84) Bis(2-ethylhexyl)phtha...	21.744	149	440605	41.642	ng	#	98
85) Di-n-octyl phthalate	23.019	149	748575	42.029	ng		99
87) Indeno(1,2,3-cd)pyrene	29.247	276	723097	45.121	ng	#	98
88) Benzo(b)fluoranthene	24.223	252	650589	45.777	ng	#	93
89) Benzo(k)fluoranthene	24.294	252	632575	44.628	ng	#	96
90) Benzo(a)pyrene	25.157	252	632876	52.161	ng	#	94
91) Dibenzo(a,h)anthracene	29.311	278	608870	46.146	ng	#	92
92) Benzo(g,h,i)perylene	30.480	276	597799	46.038	ng	#	90

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

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