Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111222\
Data File : BG055599.D
Acq On : 12 Nov 2022 21:33
Operator : CG/JU
Sample : N5583-01MSD 2X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
NB-08-111022MSD

Quant Time: Nov 14 03:31:50 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 10 03:39:46 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.270	152	56742	20.000	ng		0.00
21) Naphthalene-d8	11.102	136	234361	20.000	ng		0.00
39) Acenaphthene-d10	14.892	164	162535	20.000	ng		0.00
64) Phenanthrene-d10	17.630	188	348300	20.000	ng		0.00
76) Chrysene-d12	21.936	240	323671	20.000	ng		0.00
86) Perylene-d12	25.368	264	336936	20.000	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.797	112	169217	56.803	ng		0.00
7) Phenol-d6	7.406	99	228565	55.544	ng		0.00
23) Nitrobenzene-d5	9.439	82	136943	39.612	ng		0.00
42) 2,4,6-Tribromophenol	16.372	330	108065	68.143	ng		0.00
45) 2-Fluorobiphenyl	13.517	172	336862	31.262	ng		0.00
79) Terphenyl-d14	20.221	244	526606	32.679	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.634	88	24618	16.270	ng		97
3) Pyridine	4.046	79	65744	15.627	ng		98
4) n-Nitrosodimethylamine	3.958	42	40911	17.865	ng		99
6) Aniline	7.583	93	95975	17.559	ng		99
8) 2-Chlorophenol	7.830	128	81630	24.476	ng		99
9) Benzaldehyde	7.395	77	55273	17.025	ng		97
10) Phenol	7.436	94	106760	22.537	ng		99
11) bis(2-Chloroethyl)ether	7.671	93	75010	19.667	ng		94
12) 1,3-Dichlorobenzene	8.159	146	90499	21.723	ng		100
13) 1,4-Dichlorobenzene	8.305	146	91896	21.796	ng		99
14) 1,2-Dichlorobenzene	8.629	146	91963	22.968	ng		98
15) Benzyl Alcohol	8.499	79	75639	21.078	ng		100
16) 2,2'-oxybis(1-Chloropr...	8.793	45	146890	20.043	ng		97
17) 2-Methylphenol	8.699	107	75072	22.520	ng		98
18) Hexachloroethane	9.369	117	31127	22.238	ng		91
19) n-Nitroso-di-n-propyla...	9.069	70	65027	19.121	ng		94
20) 3+4-Methylphenols	9.028	107	100387	21.616	ng		95
22) Acetophenone	9.093	105	127025	20.375	ng		98
24) Nitrobenzene	9.481	77	95286	23.958	ng		99
25) Isophorone	10.003	82	179922	20.371	ng		99
26) 2-Nitrophenol	10.197	139	42147	33.391	ng	#	89
27) 2,4-Dimethylphenol	10.244	122	84898	26.885	ng		98
28) bis(2-Chloroethoxy)met...	10.485	93	103806	21.799	ng		99
29) 2,4-Dichlorophenol	10.738	162	85914	24.757	ng		96
30) 1,2,4-Trichlorobenzene	10.961	180	95073	21.871	ng		97
31) Naphthalene	11.155	128	277636	21.912	ng		99
32) Benzoic acid	10.338	122	56624	34.265	ng		98
33) 4-Chloroaniline	11.249	127	94176	17.781	ng		97
34) Hexachlorobutadiene	11.431	225	63958	22.061	ng		97
35) Caprolactam	12.013	113	26337	22.263	ng	#	86
36) 4-Chloro-3-methylphenol	12.348	107	92871	22.703	ng		100
37) 2-Methylnaphthalene	12.736	142	210564	22.118	ng		99
38) 1-Methylnaphthalene	12.953	142	196477	21.099	ng		97
40) 1,2,4,5-Tetrachloroben...	13.100	216	115815	23.854	ng		99
41) Hexachlorocyclopentadiene	13.076	237	30940	14.886	ng		95
43) 2,4,6-Trichlorophenol	13.329	196	75252	26.360	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.399	196	80710	24.696	ng		97
46) 1,1'-Biphenyl	13.728	154	263343	22.147	ng		99
47) 2-Chloronaphthalene	13.775	162	196936	21.443	ng		99
48) 2-Nitroaniline	13.969	65	62007	27.930	ng		99
49) Acenaphthylene	14.616	152	318515	20.959	ng		99
50) Dimethylphthalate	14.334	163	248064	20.085	ng		99
51) 2,6-Dinitrotoluene	14.457	165	50049	24.691	ng		95
52) Acenaphthene	14.956	154	196493	20.712	ng		99
53) 3-Nitroaniline	14.780	138	52011	22.109	ng		96
54) 2,4-Dinitrophenol	14.986	184	8356	10.881	ng		90
55) Dibenzofuran	15.285	168	318257	20.983	ng		100
56) 4-Nitrophenol	15.074	139	90267	49.358	ng		98
57) 2,4-Dinitrotoluene	15.238	165	66985	25.218	ng	#	96
58) Fluorene	15.932	166	257103	21.307	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.503	232	73038	24.112	ng		97
60) Diethylphthalate	15.685	149	245533	19.542	ng		99
61) 4-Chlorophenyl-phenyle...	15.920	204	132314	20.615	ng		98
62) 4-Nitroaniline	15.938	138	55212	22.548	ng		99
63) Azobenzene	16.208	77	225980	18.556	ng		97
65) 4,6-Dinitro-2-methylph...	15.996	198	6305	9.098	ng		86
66) n-Nitrosodiphenylamine	16.126	169	215435	22.079	ng		98
67) 4-Bromophenyl-phenylether	16.813	248	84131	23.677	ng		96
68) Hexachlorobenzene	16.936	284	90045	21.316	ng		95
69) Atrazine	17.066	200	85947	24.340	ng		98
70) Pentachlorophenol	17.277	266	110787	47.870	ng		97
71) Phenanthrene	17.677	178	499494	26.684	ng		99
72) Anthracene	17.765	178	414587	22.600	ng		99
73) Carbazole	18.029	167	352024	21.233	ng		100
74) Di-n-butylphthalate	18.570	149	400821	21.086	ng		100
75) Fluoranthene	19.674	202	610971	27.370	ng		99
77) Benzidine	19.862	184	120877	13.804	ng		98
78) Pyrene	20.039	202	649504	29.650	ng		99
80) Butylbenzylphthalate	20.902	149	172656	22.608	ng		97
81) Benzo(a)anthracene	21.919	228	565041	25.486	ng		99
82) 3,3'-Dichlorobenzidine	21.819	252	130518	18.038	ng		98
83) Chrysene	21.983	228	534295	25.344	ng		99
84) Bis(2-ethylhexyl)phtha...	21.795	149	257000	23.246	ng		99
85) Di-n-octyl phthalate	23.082	149	439021	22.979	ng	#	99
87) Indeno(1,2,3-cd)pyrene	29.316	276	409947	15.975	ng	#	93
88) Benzo(b)fluoranthene	24.275	252	561572	26.305	ng		99
89) Benzo(k)fluoranthene	24.345	252	556697	25.507	ng		99
90) Benzo(a)pyrene	25.209	252	497589	27.058	ng		99
91) Dibenzo(a,h)anthracene	29.387	278	315925	14.872	ng		99
92) Benzo(g,h,i)perylene	30.556	276	282945	13.626	ng		98

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

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