Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111122\
Data File : BG055569.D
Acq On : 11 Nov 2022 16:32
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Quant Time: Nov 12 00:51:50 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	55708	20.000	ng		0.00
21) Naphthalene-d8	11.102	136	240588	20.000	ng		0.00
39) Acenaphthene-d10	14.892	164	179903	20.000	ng		0.00
64) Phenanthrene-d10	17.630	188	429396	20.000	ng		0.00
76) Chrysene-d12	21.925	240	404617	20.000	ng		0.00
86) Perylene-d12	25.344	264	438107	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.796	112	253699	86.743	ng		0.00
7) Phenol-d6	7.406	99	352415	87.231	ng		0.00
23) Nitrobenzene-d5	9.445	82	367437	103.535	ng		0.00
42) 2,4,6-Tribromophenol	16.366	330	191287	108.975	ng		0.00
45) 2-Fluorobiphenyl	13.517	172	907096	76.055	ng		0.00
79) Terphenyl-d14	20.215	244	1551283	77.007	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.640	88	56115	37.774	ng		95
3) Pyridine	4.051	79	177296	42.924	ng		97
4) n-Nitrosodimethylamine	3.963	42	96619	42.975	ng		98
6) Aniline	7.588	93	221858	41.343	ng		99
8) 2-Chlorophenol	7.829	128	144583	44.156	ng		99
9) Benzaldehyde	7.400	77	122826	38.534	ng		97
10) Phenol	7.430	94	195441	42.022	ng		100
11) bis(2-Chloroethyl)ether	7.677	93	148303	39.606	ng		97
12) 1,3-Dichlorobenzene	8.164	146	165677	40.506	ng		98
13) 1,4-Dichlorobenzene	8.311	146	168821	40.784	ng		97
14) 1,2-Dichlorobenzene	8.634	146	159957	40.691	ng		97
15) Benzyl Alcohol	8.505	79	150815	42.808	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.793	45	295732	41.102	ng		98
17) 2-Methylphenol	8.699	107	138705	42.380	ng		99
18) Hexachloroethane	9.369	117	59206	43.083	ng		98
19) n-Nitroso-di-n-propyla...	9.081	70	137967	41.322	ng		98
20) 3+4-Methylphenols	9.028	107	195543	42.887	ng		95
22) Acetophenone	9.098	105	248815	38.877	ng	#	98
24) Nitrobenzene	9.486	77	192752	47.210	ng		99
25) Isophorone	10.009	82	361052	39.821	ng		100
26) 2-Nitrophenol	10.203	139	81494	59.823	ng	#	90
27) 2,4-Dimethylphenol	10.244	122	143315	44.210	ng		99
28) bis(2-Chloroethoxy)met...	10.491	93	192275	39.332	ng		97
29) 2,4-Dichlorophenol	10.732	162	158327	44.443	ng		98
30) 1,2,4-Trichlorobenzene	10.955	180	173987	38.989	ng		99
31) Naphthalene	11.155	128	521776	40.114	ng		99
32) Benzoic acid	10.368	122	114946	54.885	ng		95
33) 4-Chloroaniline	11.249	127	217749	40.049	ng		98
34) Hexachlorobutadiene	11.431	225	116237	39.055	ng		99
35) Caprolactam	12.019	113	59502	48.995	ng		92
36) 4-Chloro-3-methylphenol	12.342	107	184214	43.868	ng		98
37) 2-Methylnaphthalene	12.735	142	393046	40.217	ng		99
38) 1-Methylnaphthalene	12.953	142	381666	39.925	ng		99
40) 1,2,4,5-Tetrachloroben...	13.094	216	206631	38.451	ng		99
41) Hexachlorocyclopentadiene	13.076	237	113653	49.401	ng		96
43) 2,4,6-Trichlorophenol	13.323	196	147458	46.667	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.393	196	165383	45.720	ng		98
46) 1,1'-Biphenyl	13.728	154	517013	39.282	ng		99
47) 2-Chloronaphthalene	13.775	162	390351	38.399	ng		99
48) 2-Nitroaniline	13.963	65	136407	51.770	ng		99
49) Acenaphthylene	14.616	152	663821	39.465	ng		99
50) Dimethylphthalate	14.333	163	564738	41.311	ng		100
51) 2,6-Dinitrotoluene	14.451	165	115437	48.036	ng		99
52) Acenaphthene	14.956	154	435081	41.433	ng		99
53) 3-Nitroaniline	14.780	138	130598	45.363	ng	#	97
54) 2,4-Dinitrophenol	14.980	184	58814	69.196	ng	#	86
55) Dibenzofuran	15.285	168	660123	39.321	ng		99
56) 4-Nitrophenol	15.068	139	105642	52.189	ng		97
57) 2,4-Dinitrotoluene	15.232	165	161513	50.666	ng	#	98
58) Fluorene	15.932	166	535585	40.101	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.503	232	160958	48.007	ng		99
60) Diethylphthalate	15.685	149	584544	42.033	ng		99
61) 4-Chlorophenyl-phenyle...	15.920	204	283708	39.935	ng		99
62) 4-Nitroaniline	15.943	138	134400	49.589	ng		99
63) Azobenzene	16.208	77	536319	39.787	ng		98
65) 4,6-Dinitro-2-methylph...	15.996	198	86113	58.040	ng		96
66) n-Nitrosodiphenylamine	16.131	169	478178	39.752	ng		99
67) 4-Bromophenyl-phenylether	16.813	248	187156	42.725	ng		99
68) Hexachlorobenzene	16.930	284	207532	39.850	ng		98
69) Atrazine	17.066	200	184241	42.322	ng		99
70) Pentachlorophenol	17.265	266	141085	49.449	ng		99
71) Phenanthrene	17.671	178	921852	39.946	ng		99
72) Anthracene	17.765	178	901301	39.853	ng		100
73) Carbazole	18.023	167	811979	39.727	ng		99
74) Di-n-butylphthalate	18.570	149	985581	42.057	ng		99
75) Fluoranthene	19.663	202	1072504	38.972	ng		99
77) Benzidine	19.833	184	393220	35.922	ng		99
78) Pyrene	20.027	202	1091396	39.855	ng		99
80) Butylbenzylphthalate	20.896	149	439068	42.511	ng		99
81) Benzo(a)anthracene	21.907	228	1099214	39.662	ng		99
82) 3,3'-Dichlorobenzidine	21.813	252	368453	40.735	ng		99
83) Chrysene	21.977	228	1047213	39.737	ng		99
84) Bis(2-ethylhexyl)phtha...	21.795	149	617548	44.684	ng		98
85) Di-n-octyl phthalate	23.076	149	1055442	44.192	ng		100
87) Indeno(1,2,3-cd)pyrene	29.287	276	1311851	39.315	ng		100
88) Benzo(b)fluoranthene	24.257	252	1087045	39.160	ng		99
89) Benzo(k)fluoranthene	24.328	252	1124027	39.608	ng		99
90) Benzo(a)pyrene	25.185	252	944747	39.510	ng		99
91) Dibenzo(a,h)anthracene	29.357	278	1081995	39.173	ng		99
92) Benzo(g,h,i)perylene	30.520	276	1077268	39.897	ng		99

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

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