Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111222\
Data File : BG055586.D
Acq On : 12 Nov 2022 11:30
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Quant Time: Nov 14 03:25:00 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	8.271	152	47223	20.000	ng		0.00
21) Naphthalene-d8	11.103	136	196491	20.000	ng		0.00
39) Acenaphthene-d10	14.892	164	148610	20.000	ng		0.00
64) Phenanthrene-d10	17.636	188	380509	20.000	ng		0.00
76) Chrysene-d12	21.937	240	355264	20.000	ng		0.00
86) Perylene-d12	25.362	264	382758	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.797	112	207385	83.648	ng		0.00
7) Phenol-d6	7.407	99	286276	83.592	ng		0.00
23) Nitrobenzene-d5	9.446	82	278176	95.974	ng		0.00
42) 2,4,6-Tribromophenol	16.373	330	172012	118.629	ng		0.00
45) 2-Fluorobiphenyl	13.523	172	756243	76.759	ng		0.00
79) Terphenyl-d14	20.221	244	1394828	78.859	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.635	88	44537	35.367	ng		93
3) Pyridine	4.052	79	141223	40.334	ng		98
4) n-Nitrosodimethylamine	3.958	42	78844	41.370	ng		94
6) Aniline	7.589	93	179208	39.396	ng		98
8) 2-Chlorophenol	7.830	128	116983	42.147	ng		98
9) Benzaldehyde	7.401	77	100321	37.129	ng		98
10) Phenol	7.436	94	157643	39.986	ng		99
11) bis(2-Chloroethyl)ether	7.677	93	117337	36.966	ng		97
12) 1,3-Dichlorobenzene	8.159	146	138574	39.967	ng		99
13) 1,4-Dichlorobenzene	8.306	146	139741	39.824	ng		96
14) 1,2-Dichlorobenzene	8.635	146	131251	39.388	ng		97
15) Benzyl Alcohol	8.506	79	123334	41.298	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.800	45	229829	37.682	ng		98
17) 2-Methylphenol	8.705	107	114150	41.144	ng		96
18) Hexachloroethane	9.369	117	47389	40.680	ng		95
19) n-Nitroso-di-n-propyla...	9.076	70	111374	39.351	ng		96
20) 3+4-Methylphenols	9.029	107	158183	40.927	ng		94
22) Acetophenone	9.099	105	203499	38.932	ng	#	97
24) Nitrobenzene	9.487	77	147536	44.245	ng		99
25) Isophorone	10.010	82	292230	39.464	ng		99
26) 2-Nitrophenol	10.204	139	61437	55.489	ng		92
27) 2,4-Dimethylphenol	10.245	122	111299	42.039	ng		99
28) bis(2-Chloroethoxy)met...	10.492	93	150784	37.766	ng		99
29) 2,4-Dichlorophenol	10.738	162	131257	45.113	ng		98
30) 1,2,4-Trichlorobenzene	10.962	180	147648	40.512	ng		96
31) Naphthalene	11.156	128	419112	39.452	ng		99
32) Benzoic acid	10.374	122	89012	52.936	ng		91
33) 4-Chloroaniline	11.250	127	178492	40.196	ng		99
34) Hexachlorobutadiene	11.432	225	101580	41.790	ng		97
35) Caprolactam	12.031	113	51862	52.288	ng	#	89
36) 4-Chloro-3-methylphenol	12.348	107	150838	43.981	ng		98
37) 2-Methylnaphthalene	12.742	142	320867	40.200	ng		100
38) 1-Methylnaphthalene	12.959	142	314582	40.293	ng		100
40) 1,2,4,5-Tetrachloroben...	13.100	216	178848	40.289	ng		99
41) Hexachlorocyclopentadiene	13.077	237	93029	48.952	ng		96
43) 2,4,6-Trichlorophenol	13.329	196	123826	47.440	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.400	196	138793	46.448	ng		99
46) 1,1'-Biphenyl	13.735	154	417140	38.368	ng		99
47) 2-Chloronaphthalene	13.782	162	324120	38.598	ng		99
48) 2-Nitroaniline	13.970	65	105415	48.676	ng		97
49) Acenaphthylene	14.622	152	548251	39.457	ng		99
50) Dimethylphthalate	14.340	163	481266	42.618	ng		99
51) 2,6-Dinitrotoluene	14.458	165	89989	45.509	ng		99
52) Acenaphthene	14.957	154	357657	41.232	ng		99
53) 3-Nitroaniline	14.787	138	103871	43.817	ng	#	98
54) 2,4-Dinitrophenol	14.986	184	49589	70.628	ng	#	84
55) Dibenzofuran	15.292	168	552430	39.835	ng		99
56) 4-Nitrophenol	15.075	139	86229	51.568	ng		94
57) 2,4-Dinitrotoluene	15.239	165	129721	49.362	ng	#	98
58) Fluorene	15.938	166	448771	40.676	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.509	232	141262	51.004	ng		97
60) Diethylphthalate	15.691	149	497023	43.265	ng		100
61) 4-Chlorophenyl-phenyle...	15.921	204	241578	41.165	ng		99
62) 4-Nitroaniline	15.950	138	113984	50.912	ng		98
63) Azobenzene	16.214	77	433371	38.919	ng		98
65) 4,6-Dinitro-2-methylph...	16.003	198	72345	55.844	ng		97
66) n-Nitrosodiphenylamine	16.132	169	405485	38.040	ng		99
67) 4-Bromophenyl-phenylether	16.814	248	166761	42.960	ng		97
68) Hexachlorobenzene	16.937	284	183928	39.855	ng		96
69) Atrazine	17.072	200	171328	44.412	ng		99
70) Pentachlorophenol	17.278	266	124682	49.314	ng		99
71) Phenanthrene	17.677	178	799936	39.117	ng		99
72) Anthracene	17.771	178	788897	39.364	ng		100
73) Carbazole	18.030	167	718350	39.661	ng		99
74) Di-n-butylphthalate	18.576	149	878638	42.310	ng		99
75) Fluoranthene	19.675	202	968432	39.711	ng		99
77) Benzidine	19.840	184	363987	37.871	ng		98
78) Pyrene	20.033	202	977139	40.640	ng		99
80) Butylbenzylphthalate	20.903	149	372190	41.158	ng		99
81) Benzo(a)anthracene	21.914	228	973282	39.996	ng		99
82) 3,3'-Dichlorobenzidine	21.820	252	337888	42.545	ng		99
83) Chrysene	21.990	228	918594	39.698	ng		100
84) Bis(2-ethylhexyl)phtha...	21.802	149	528338	43.540	ng		98
85) Di-n-octyl phthalate	23.083	149	912984	43.538	ng		100
87) Indeno(1,2,3-cd)pyrene	29.317	276	1223785	41.979	ng		98
88) Benzo(b)fluoranthene	24.275	252	981339	40.465	ng		99
89) Benzo(k)fluoranthene	24.346	252	966955	39.000	ng		98
90) Benzo(a)pyrene	25.210	252	844032	40.402	ng		100
91) Dibenzo(a,h)anthracene	29.399	278	1060628	43.952	ng		99
92) Benzo(g,h,i)perylene	30.568	276	1006838	42.681	ng		98

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

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