Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120522\
Data File : BG055884.D
Acq On : 5 Dec 2022 14:05
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Dec 06 04:45:44 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 06 04:41:17 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 12/06/2022
Supervised By :Jagrut Upadhyay 12/06/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.175	152	28901	20.000	ng		0.00
21) Naphthalene-d8	11.002	136	125319	20.000	ng		0.00
39) Acenaphthene-d10	14.809	164	95205	20.000	ng		0.00
64) Phenanthrene-d10	17.547	188	229696	20.000	ng		0.00
76) Chrysene-d12	21.836	240	218801	20.000	ng		0.00
86) Perylene-d12	25.179	264	229601	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.702	112	116569	72.904	ng		0.00
7) Phenol-d6	7.329	99	168114	78.985	ng		0.00
23) Nitrobenzene-d5	9.351	82	184756	77.923	ng		0.00
42) 2,4,6-Tribromophenol	16.295	330	93063	69.418	ng		0.00
45) 2-Fluorobiphenyl	13.428	172	471379	74.175	ng		0.00
79) Terphenyl-d14	20.138	244	811585	74.189	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.510	88	24661	36.090	ng		94
3) Pyridine	3.933	79	82312	39.267	ng		93
4) n-Nitrosodimethylamine	3.845	42	49355	44.471	ng		95
6) Aniline	7.488	93	106281	39.755	ng		98
8) 2-Chlorophenol	7.735	128	68782	37.630	ng		95
9) Benzaldehyde	7.300	77	54863	37.955	ng		97
10) Phenol	7.353	94	92447	38.791	ng		95
11) bis(2-Chloroethyl)ether	7.582	93	68816	37.679	ng		99
12) 1,3-Dichlorobenzene	8.058	146	78621	36.584	ng		97
13) 1,4-Dichlorobenzene	8.211	146	80376	37.012	ng		99
14) 1,2-Dichlorobenzene	8.534	146	77822	37.397	ng		97
15) Benzyl Alcohol	8.411	79	67619	39.091	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.693	45	140542	42.508	ng		96
17) 2-Methylphenol	8.616	107	67069	39.639	ng		99
18) Hexachloroethane	9.268	117	28308	37.874	ng		99
19) n-Nitroso-di-n-propyla...	8.980	70	68116	41.652	ng		92
20) 3+4-Methylphenols	8.951	107	96608	40.874	ng		96
22) Acetophenone	9.004	105	122922	37.748	ng	#	94
24) Nitrobenzene	9.392	77	97101	39.208	ng		95
25) Isophorone	9.915	82	178920	39.827	ng		100
26) 2-Nitrophenol	10.109	139	43416	37.975	ng		97
27) 2,4-Dimethylphenol	10.161	122	67076m	38.549	ng		
28) bis(2-Chloroethoxy)met...	10.391	93	91973	38.135	ng		100
29) 2,4-Dichlorophenol	10.649	162	79642	38.241	ng		97
30) 1,2,4-Trichlorobenzene	10.861	180	88034	36.384	ng		98
31) Naphthalene	11.054	128	256113	37.805	ng		99
32) Benzoic acid	10.326	122	30239m	21.123	ng		
33) 4-Chloroaniline	11.154	127	109687	39.250	ng		99
34) Hexachlorobutadiene	11.325	225	59085	35.762	ng		98
35) Caprolactam	11.936	113	28142	39.048	ng	#	85
36) 4-Chloro-3-methylphenol	12.277	107	90556	39.561	ng		99
37) 2-Methylnaphthalene	12.647	142	194865	38.417	ng		98
38) 1-Methylnaphthalene	12.864	142	190834	38.754	ng		99
40) 1,2,4,5-Tetrachloroben...	13.011	216	109453	36.584	ng		99
41) Hexachlorocyclopentadiene	12.982	237	55585	36.862	ng		99
43) 2,4,6-Trichlorophenol	13.252	196	69376	33.993	ng		97

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44) 2,4,5-Trichlorophenol	13.328	196	78904	35.182	ng		98
46) 1,1'-Biphenyl	13.640	154	258372	37.242	ng		97
47) 2-Chloronaphthalene	13.693	162	201106	37.294	ng		97
48) 2-Nitroaniline	13.892	65	72951	41.148	ng		97
49) Acenaphthylene	14.533	152	337303	37.985	ng		100
50) Dimethylphthalate	14.251	163	286147	37.704	ng		99
51) 2,6-Dinitrotoluene	14.380	165	59785	38.527	ng		94
52) Acenaphthene	14.874	154	218595m	37.666	ng		
53) 3-Nitroaniline	14.709	138	65992	38.739	ng		97
54) 2,4-Dinitrophenol	14.926	184	31639	35.461	ng		95
55) Dibenzofuran	15.203	168	337930	37.745	ng		98
56) 4-Nitrophenol	15.026	139	48159	36.021	ng		92
57) 2,4-Dinitrotoluene	15.167	165	86186	39.393	ng		97
58) Fluorene	15.849	166	272748	38.143	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.432	232	70845	32.600	ng		98
60) Diethylphthalate	15.602	149	288567	37.608	ng		99
61) 4-Chlorophenyl-phenyle...	15.831	204	147041	37.408	ng		95
62) 4-Nitroaniline	15.872	138	69491	39.024	ng		92
63) Azobenzene	16.125	77	264745	39.521	ng		95
65) 4,6-Dinitro-2-methylph...	15.937	198	48528	37.836	ng		97
66) n-Nitrosodiphenylamine	16.049	169	241174	38.099	ng		99
67) 4-Bromophenyl-phenylether	16.730	248	96220	36.765	ng		98
68) Hexachlorobenzene	16.854	284	107156	36.925	ng		95
69) Atrazine	16.989	200	89563	35.774	ng		99
70) Pentachlorophenol	17.206	266	65408	36.845	ng		98
71) Phenanthrene	17.594	178	468305	37.781	ng		99
72) Anthracene	17.682	178	452804	37.597	ng		99
73) Carbazole	17.952	167	403870	37.302	ng		99
74) Di-n-butylphthalate	18.481	149	496963	36.965	ng		99
75) Fluoranthene	19.592	202	558686	37.048	ng		100
77) Benzidine	19.762	184	232708	45.973	ng		98
78) Pyrene	19.950	202	563527	38.050	ng		100
80) Butylbenzylphthalate	20.814	149	219058	37.782	ng		100
81) Benzo(a)anthracene	21.812	228	565644	37.534	ng		100
82) 3,3'-Dichlorobenzidine	21.718	252	196549	37.117	ng		99
83) Chrysene	21.883	228	540471	37.672	ng		98
84) Bis(2-ethylhexyl)phtha...	21.677	149	316704	38.009	ng		99
85) Di-n-octyl phthalate	22.923	149	533210	37.394	ng		96
87) Indeno(1,2,3-cd)pyrene	29.057	276	652218	34.675	ng	#	98
88) Benzo(b)fluoranthene	24.116	252	558126	37.326	ng		99
89) Benzo(k)fluoranthene	24.186	252	551465	36.998	ng		99
90) Benzo(a)pyrene	25.026	252	472887	36.854	ng		99
91) Dibenzo(a,h)anthracene	29.110	278	540620	35.172	ng		98
92) Benzo(g,h,i)perylene	30.267	276	532635	34.382	ng		99

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

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