Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041322\
Data File : BG053131.D
Acq On : 13 Apr 2022 10:08
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 14 02:55:27 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 08 15:31:24 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 04/14/2022
Supervised By :Jagrut Upadhyay 04/14/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.122	152	30885	20.000	ng		0.00
21) Naphthalene-d8	10.930	136	126236	20.000	ng	#	0.00
39) Acenaphthene-d10	14.742	164	95430	20.000	ng		0.00
64) Phenanthrene-d10	17.486	188	219500	20.000	ng		0.00
76) Chrysene-d12	21.768	240	223153	20.000	ng		0.00
86) Perylene-d12	25.070	264	235609	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.684	112	159721	88.649	ng		0.00
7) Phenol-d6	7.276	99	242124	87.143	ng		0.00
23) Nitrobenzene-d5	9.285	82	254349	81.811	ng		0.00
42) 2,4,6-Tribromophenol	16.229	330	121987	80.347	ng		0.00
45) 2-Fluorobiphenyl	13.368	172	563373	81.404	ng		0.00
79) Terphenyl-d14	20.088	244	1055937	79.917	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.569	88	35283	41.006	ng	#	90
3) Pyridine	3.969	79	103151	45.454	ng	#	92
4) n-Nitrosodimethylamine	3.881	42	48296	42.976	ng	#	83
6) Aniline	7.441	93	138705	43.075	ng		96
8) 2-Chlorophenol	7.687	128	83482	42.919	ng		92
9) Benzaldehyde	7.253	77	66014m	39.748	ng		
10) Phenol	7.305	94	118650	42.901	ng		86
11) bis(2-Chloroethyl)ether	7.529	93	85734	43.004	ng		90
12) 1,3-Dichlorobenzene	8.010	146	97253	43.027	ng		97
13) 1,4-Dichlorobenzene	8.157	146	99275	43.082	ng		99
14) 1,2-Dichlorobenzene	8.480	146	93403	42.034	ng		99
15) Benzyl Alcohol	8.351	79	105357	42.661	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.645	45	138607	41.643	ng		100
17) 2-Methylphenol	8.557	107	80203	42.854	ng		94
18) Hexachloroethane	9.209	117	35503	41.086	ng		92
19) n-Nitroso-di-n-propyla...	8.921	70	85822	42.191	ng	#	97
20) 3+4-Methylphenols	8.886	107	112884	42.727	ng		89
22) Acetophenone	8.939	105	147121	42.009	ng	#	92
24) Nitrobenzene	9.326	77	122962	40.662	ng	#	89
25) Isophorone	9.843	82	219563	41.549	ng		98
26) 2-Nitrophenol	10.037	139	51652	40.847	ng	#	90
27) 2,4-Dimethylphenol	10.096	122	76746	42.377	ng		97
28) bis(2-Chloroethoxy)met...	10.325	93	122979	41.424	ng		97
29) 2,4-Dichlorophenol	10.578	162	95959	42.148	ng		97
30) 1,2,4-Trichlorobenzene	10.795	180	106402	41.293	ng		98
31) Naphthalene	10.983	128	277521	41.206	ng		98
32) Benzoic acid	10.237	122	53482	45.575	ng	#	90
33) 4-Chloroaniline	11.083	127	118240	40.997	ng		95
34) Hexachlorobutadiene	11.271	225	79747	41.663	ng		98
35) Caprolactam	11.852	113	32318	40.271	ng	#	72
36) 4-Chloro-3-methylphenol	12.199	107	110884	41.834	ng		90
37) 2-Methylnaphthalene	12.581	142	204110	40.957	ng	#	93
38) 1-Methylnaphthalene	12.798	142	196173	40.328	ng	#	95
40) 1,2,4,5-Tetrachloroben...	12.945	216	133752	41.267	ng		99
41) Hexachlorocyclopentadiene	12.927	237	69888	41.771	ng		93
43) 2,4,6-Trichlorophenol	13.180	196	92944	41.592	ng		96

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44) 2,4,5-Trichlorophenol	13.256	196	97180	40.810	ng		96
46) 1,1'-Biphenyl	13.579	154	279148	40.619	ng		99
47) 2-Chloronaphthalene	13.620	162	221815	40.456	ng		94
48) 2-Nitroaniline	13.820	65	83507	40.134	ng		95
49) Acenaphthylene	14.466	152	348789	40.638	ng		98
50) Dimethylphthalate	14.190	163	304832	39.937	ng		98
51) 2,6-Dinitrotoluene	14.308	165	62706	39.379	ng		86
52) Acenaphthene	14.807	154	238478m	40.973	ng		
53) 3-Nitroaniline	14.643	138	66868	39.713	ng	#	94
54) 2,4-Dinitrophenol	14.848	184	44042	43.469	ng		93
55) Dibenzofuran	15.142	168	366129	40.173	ng		99
56) 4-Nitrophenol	14.948	139	54140	42.160	ng	#	72
57) 2,4-Dinitrotoluene	15.095	165	91078	40.175	ng	#	87
58) Fluorene	15.788	166	295837	40.190	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.365	232	93503	40.433	ng		99
60) Diethylphthalate	15.547	149	308760	38.608	ng		98
61) 4-Chlorophenyl-phenyle...	15.776	204	166532	39.909	ng		98
62) 4-Nitroaniline	15.800	138	71759	40.388	ng	#	82
63) Azobenzene	16.070	77	322710	40.023	ng		98
65) 4,6-Dinitro-2-methylph...	15.859	198	66697	43.553	ng		98
66) n-Nitrosodiphenylamine	15.988	169	264421	41.891	ng		99
67) 4-Bromophenyl-phenylether	16.669	248	116075	41.270	ng		97
68) Hexachlorobenzene	16.799	284	126937	41.675	ng		95
69) Atrazine	16.928	200	96582	39.171	ng		98
70) Pentachlorophenol	17.139	266	74165	44.553	ng		91
71) Phenanthrene	17.527	178	503712	42.013	ng		97
72) Anthracene	17.621	178	495329	41.702	ng		99
73) Carbazole	17.885	167	484502	41.963	ng		98
74) Di-n-butylphthalate	18.437	149	534890	40.847	ng		98
75) Fluoranthene	19.536	202	640527	41.678	ng		98
77) Benzidine	19.706	184	243496	38.244	ng		98
78) Pyrene	19.894	202	635975	40.016	ng		98
80) Butylbenzylphthalate	20.770	149	241306	40.726	ng		96
81) Benzo(a)anthracene	21.751	228	624220	40.912	ng		99
82) 3,3'-Dichlorobenzidine	21.657	252	225376	40.165	ng		100
83) Chrysene	21.821	228	580112	40.968	ng		99
84) Bis(2-ethylhexyl)phtha...	21.645	149	329847	41.184	ng		99
85) Di-n-octyl phthalate	22.879	149	559728	41.787	ng		97
87) Indeno(1,2,3-cd)pyrene	28.847	276	716257	40.919	ng	#	97
88) Benzo(b)fluoranthene	24.018	252	604143	40.640	ng		98
89) Benzo(k)fluoranthene	24.089	252	601056	41.140	ng		98
90) Benzo(a)pyrene	24.917	252	520211	41.078	ng	#	97
91) Dibenzo(a,h)anthracene	28.912	278	583656	40.512	ng		98
92) Benzo(g,h,i)perylene	30.039	276	579414	40.804	ng		99

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

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