Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051322\
Data File : BG053540.D
Acq On : 13 May 2022 13:06
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
Reviewed By :Christian Giraldo 05/16/2022
Supervised By :Jagrut Upadhyay 05/16/2022

Quant Time: May 14 03:13:10 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 11 06:00:46 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.086	152	30297	20.000	ng		0.00
21) Naphthalene-d8	10.900	136	125907	20.000	ng		0.00
39) Acenaphthene-d10	14.713	164	98855	20.000	ng		0.00
64) Phenanthrene-d10	17.456	188	233449	20.000	ng		0.00
76) Chrysene-d12	21.739	240	216439	20.000	ng		0.00
86) Perylene-d12	25.017	264	222826	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.649	112	141655	79.350	ng		0.00
7) Phenol-d6	7.246	99	225646	83.286	ng		0.00
23) Nitrobenzene-d5	9.250	82	242334	81.932	ng		0.00
42) 2,4,6-Tribromophenol	16.199	330	119125	81.705	ng		0.00
45) 2-Fluorobiphenyl	13.338	172	543154	80.289	ng		0.00
79) Terphenyl-d14	20.059	244	945074	81.324	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.534	88	32608	34.813	ng		97
3) Pyridine	3.933	79	91875m	40.164	ng		
4) n-Nitrosodimethylamine	3.845	42	46331	41.579	ng		94
6) Aniline	7.405	93	125655	41.875	ng		97
8) 2-Chlorophenol	7.652	128	73621	39.449	ng		95
9) Benzaldehyde	7.223	77	64614m	37.541	ng		
10) Phenol	7.276	94	107315	40.500	ng		97
11) bis(2-Chloroethyl)ether	7.499	93	79778	40.369	ng		94
12) 1,3-Dichlorobenzene	7.975	146	85713m	38.932	ng		
13) 1,4-Dichlorobenzene	8.122	146	87316	39.302	ng		99
14) 1,2-Dichlorobenzene	8.445	146	81849	39.233	ng		96
15) Benzyl Alcohol	8.327	79	96532	42.618	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.609	45	130715	40.640	ng		97
17) 2-Methylphenol	8.533	107	72240	40.336	ng		94
18) Hexachloroethane	9.173	117	33651	39.886	ng		97
19) n-Nitroso-di-n-propyla...	8.891	70	80931	41.633	ng		99
20) 3+4-Methylphenols	8.856	107	102851	40.662	ng		98
22) Acetophenone	8.909	105	137614	39.936	ng	#	97
24) Nitrobenzene	9.291	77	114877	40.128	ng		99
25) Isophorone	9.814	82	206610	41.506	ng		99
26) 2-Nitrophenol	10.007	139	49924	43.058	ng		92
27) 2,4-Dimethylphenol	10.066	122	70247	40.258	ng		92
28) bis(2-Chloroethoxy)met...	10.295	93	118769	41.486	ng		98
29) 2,4-Dichlorophenol	10.548	162	89624	42.558	ng		95
30) 1,2,4-Trichlorobenzene	10.759	180	97889	40.911	ng		94
31) Naphthalene	10.947	128	258088	40.297	ng		98
32) Benzoic acid	10.237	122	42855m	40.830	ng		
33) 4-Chloroaniline	11.053	127	109961	40.997	ng		98
34) Hexachlorobutadiene	11.235	225	74165	41.800	ng		96
35) Caprolactam	11.834	113	30360	39.671	ng		100
36) 4-Chloro-3-methylphenol	12.175	107	104852	41.623	ng		100
37) 2-Methylnaphthalene	12.545	142	194192	40.629	ng		99
38) 1-Methylnaphthalene	12.763	142	185661m	39.814	ng		
40) 1,2,4,5-Tetrachloroben...	12.915	216	128483	41.233	ng		99
41) Hexachlorocyclopentadiene	12.892	237	48455	42.796	ng		97
43) 2,4,6-Trichlorophenol	13.156	196	87457	42.998	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.232	196	93219	43.062	ng		98
46) 1,1'-Biphenyl	13.550	154	270981	40.215	ng		98
47) 2-Chloronaphthalene	13.591	162	210127	39.802	ng		99
48) 2-Nitroaniline	13.791	65	83465	42.429	ng		98
49) Acenaphthylene	14.437	152	336199	39.908	ng		99
50) Dimethylphthalate	14.161	163	295674	39.360	ng		100
51) 2,6-Dinitrotoluene	14.284	165	60944	39.821	ng		95
52) Acenaphthene	14.777	154	196900	39.219	ng		95
53) 3-Nitroaniline	14.613	138	65895	39.849	ng	#	95
54) 2,4-Dinitrophenol	14.830	184	35503	39.937	ng		96
55) Dibenzofuran	15.112	168	356464	39.529	ng		98
56) 4-Nitrophenol	14.930	139	47117	39.892	ng		92
57) 2,4-Dinitrotoluene	15.071	165	91025	41.032	ng	#	90
58) Fluorene	15.758	166	283106	39.121	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.341	232	90815	41.347	ng		99
60) Diethylphthalate	15.518	149	305177	39.328	ng		98
61) 4-Chlorophenyl-phenyle...	15.741	204	163731	40.546	ng		98
62) 4-Nitroaniline	15.776	138	66513	38.780	ng		99
63) Azobenzene	16.040	77	313085	39.402	ng		98
65) 4,6-Dinitro-2-methylph...	15.841	198	60825	43.726	ng		96
66) n-Nitrosodiphenylamine	15.958	169	249620	40.726	ng		99
67) 4-Bromophenyl-phenylether	16.640	248	114209	41.890	ng		94
68) Hexachlorobenzene	16.769	284	122988	41.189	ng		98
69) Atrazine	16.904	200	100158	38.816	ng		96
70) Pentachlorophenol	17.115	266	62728	41.392	ng		98
71) Phenanthrene	17.497	178	475711	40.075	ng		98
72) Anthracene	17.591	178	464481	39.809	ng		100
73) Carbazole	17.861	167	444292	38.854	ng		99
74) Di-n-butylphthalate	18.408	149	498633	38.772	ng		100
75) Fluoranthene	19.506	202	582386	37.891	ng		99
77) Benzidine	19.683	184	187488	40.190	ng		98
78) Pyrene	19.871	202	582561	41.578	ng		100
80) Butylbenzylphthalate	20.740	149	217729	42.378	ng		96
81) Benzo(a)anthracene	21.721	228	557055	40.352	ng		99
82) 3,3'-Dichlorobenzidine	21.627	252	145239	41.488	ng		100
83) Chrysene	21.786	228	526909	40.867	ng		98
84) Bis(2-ethylhexyl)phtha...	21.609	149	302222	42.618	ng		98
85) Di-n-octyl phthalate	22.831	149	509507	42.489	ng		100
87) Indeno(1,2,3-cd)pyrene	28.776	276	653574	42.113	ng	#	95
88) Benzo(b)fluoranthene	23.971	252	545116	41.330	ng		99
89) Benzo(k)fluoranthene	24.041	252	540033	41.667	ng		99
90) Benzo(a)pyrene	24.864	252	464888	41.411	ng	#	99
91) Dibenzo(a,h)anthracene	28.829	278	522644	40.870	ng		98
92) Benzo(g,h,i)perylene	29.951	276	525704	41.473	ng		97

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

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