Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083022\
Data File : BG054783.D
Acq On : 30 Aug 2022 10:13
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Quant Time: Aug 30 16:02:05 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 25 17:50:55 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.150	152	50030	20.000	ng	0.00
21) Naphthalene-d8	10.976	136	196625	20.000	ng	0.00
39) Acenaphthene-d10	14.783	164	130903	20.000	ng	0.00
64) Phenanthrene-d10	17.533	188	296341	20.000	ng	0.00
76) Chrysene-d12	21.822	240	278983	20.000	ng	0.00
86) Perylene-d12	25.195	264	303558	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.688	112	224623	78.183	ng	0.00
7) Phenol-d6	7.298	99	306580	78.028	ng	0.00
23) Nitrobenzene-d5	9.325	82	288312	76.976	ng	0.00
42) 2,4,6-Tribromophenol	16.270	330	135100	82.594	ng	0.00
45) 2-Fluorobiphenyl	13.408	172	670929	77.035	ng	0.00
79) Terphenyl-d14	20.130	244	1093407	77.656	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.538	88	50796	37.026	ng	99
3) Pyridine	3.943	79	145603	38.051	ng	99
4) n-Nitrosodimethylamine	3.861	42	61863	37.399	ng	96
6) Aniline	7.468	93	178888	38.319	ng	98
8) 2-Chlorophenol	7.709	128	123557	39.362	ng	99
9) Benzaldehyde	7.280	77	93008	36.117	ng	99
10) Phenol	7.327	94	155995	38.606	ng	99
11) bis(2-Chloroethyl)ether	7.562	93	124026	38.165	ng	96
12) 1,3-Dichlorobenzene	8.038	146	140517	38.683	ng	98
13) 1,4-Dichlorobenzene	8.185	146	143314	39.113	ng	98
14) 1,2-Dichlorobenzene	8.508	146	134673	38.763	ng	100
15) Benzyl Alcohol	8.385	79	111700	39.351	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.673	45	184713	36.325	ng	99
17) 2-Methylphenol	8.590	107	109478	39.352	ng	100
18) Hexachloroethane	9.243	117	48905	36.808	ng	93
19) n-Nitroso-di-n-propyla...	8.955	70	101099	37.417	ng	98
20) 3+4-Methylphenols	8.919	107	151388	39.242	ng	98
22) Acetophenone	8.978	105	188950	38.411	ng	98
24) Nitrobenzene	9.366	77	146173	38.719	ng	98
25) Isophorone	9.889	82	267228	38.264	ng	98
26) 2-Nitrophenol	10.083	139	67668	40.578	ng	94
27) 2,4-Dimethylphenol	10.130	122	103097	39.020	ng	97
28) bis(2-Chloroethoxy)met...	10.371	93	149740	37.628	ng	98
29) 2,4-Dichlorophenol	10.617	162	122770	40.852	ng	97
30) 1,2,4-Trichlorobenzene	10.835	180	136913	39.866	ng	100
31) Naphthalene	11.029	128	407534	38.631	ng	100
32) Benzoic acid	10.271	122	59139	34.058	ng	96
33) 4-Chloroaniline	11.135	127	167389	38.920	ng	98
34) Hexachlorobutadiene	11.305	225	89444	40.649	ng	98
35) Caprolactam	11.904	113	40460	38.161	ng	99
36) 4-Chloro-3-methylphenol	12.239	107	128900	39.223	ng	96
37) 2-Methylnaphthalene	12.621	142	290105	39.236	ng	100
38) 1-Methylnaphthalene	12.844	142	282283	39.240	ng	95
40) 1,2,4,5-Tetrachloroben...	12.985	216	155770	39.476	ng	99
41) Hexachlorocyclopentadiene	12.962	237	76189	36.407	ng	97
43) 2,4,6-Trichlorophenol	13.220	196	103770	39.620	ng	97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.291	196	115425	39.241	ng		98
46) 1,1'-Biphenyl	13.620	154	371067	38.172	ng		99
47) 2-Chloronaphthalene	13.667	162	279587	37.871	ng		100
48) 2-Nitroaniline	13.867	65	88935	38.439	ng		97
49) Acenaphthylene	14.513	152	467742	38.394	ng		99
50) Dimethylphthalate	14.231	163	382623	37.940	ng		99
51) 2,6-Dinitrotoluene	14.354	165	81010	39.273	ng		92
52) Acenaphthene	14.848	154	298328	38.122	ng		99
53) 3-Nitroaniline	14.689	138	90247	39.083	ng		93
54) 2,4-Dinitrophenol	14.889	184	34189	33.609	ng		96
55) Dibenzofuran	15.183	168	440317	38.292	ng		99
56) 4-Nitrophenol	14.983	139	68693	38.441	ng		94
57) 2,4-Dinitrotoluene	15.136	165	113380	39.738	ng		89
58) Fluorene	15.829	166	374193	38.628	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.400	232	106143	40.031	ng		99
60) Diethylphthalate	15.588	149	383997	38.131	ng		99
61) 4-Chlorophenyl-phenyle...	15.817	204	187709	39.279	ng		99
62) 4-Nitroaniline	15.853	138	91169	38.671	ng		97
63) Azobenzene	16.111	77	351419	36.719	ng		96
65) 4,6-Dinitro-2-methylph...	15.900	198	57185	37.910	ng		97
66) n-Nitrosodiphenylamine	16.029	169	327430	38.314	ng		100
67) 4-Bromophenyl-phenylether	16.710	248	131972	40.562	ng		98
68) Hexachlorobenzene	16.828	284	147145	40.230	ng		96
69) Atrazine	16.975	200	117082	38.834	ng		99
70) Pentachlorophenol	17.174	266	75928	38.207	ng		99
71) Phenanthrene	17.574	178	608070	38.519	ng		100
72) Anthracene	17.662	178	591206	38.520	ng		100
73) Carbazole	17.932	167	541874	38.320	ng		100
74) Di-n-butylphthalate	18.479	149	679883	37.996	ng		99
75) Fluoranthene	19.578	202	746924	38.894	ng		98
77) Benzidine	19.754	184	292969	42.397	ng		99
78) Pyrene	19.942	202	751843	38.649	ng		99
80) Butylbenzylphthalate	20.811	149	303570	37.412	ng		96
81) Benzo(a)anthracene	21.804	228	729093	38.544	ng		100
82) 3,3'-Dichlorobenzidine	21.710	252	265563	40.043	ng		100
83) Chrysene	21.875	228	702192	38.825	ng		99
84) Bis(2-ethylhexyl)phtha...	21.693	149	435968	37.292	ng		98
85) Di-n-octyl phthalate	22.950	149	737993	37.224	ng		95
87) Indeno(1,2,3-cd)pyrene	29.072	276	899151	39.017	ng	#	94
88) Benzo(b)fluoranthene	24.119	252	742638	38.999	ng		99
89) Benzo(k)fluoranthene	24.190	252	735523	38.380	ng		98
90) Benzo(a)pyrene	25.036	252	630464	38.752	ng		98
91) Dibenzo(a,h)anthracene	29.143	278	735893	39.196	ng		98
92) Benzo(g,h,i)perylene	30.289	276	732898	38.641	ng		98

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

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