Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082422\
Data File : BG054717.D
Acq On : 24 Aug 2022 12:18
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Quant Time: Aug 24 15:13:45 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 23 03:09:46 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.160	152	56453	20.000	ng	0.00
21) Naphthalene-d8	10.986	136	225021	20.000	ng	0.00
39) Acenaphthene-d10	14.793	164	141604	20.000	ng	0.00
64) Phenanthrene-d10	17.537	188	316025	20.000	ng	0.00
76) Chrysene-d12	21.832	240	286797	20.000	ng	0.00
86) Perylene-d12	25.204	264	306303	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.692	112	253659	84.672	ng	0.00
7) Phenol-d6	7.302	99	352548	83.986	ng	0.00
23) Nitrobenzene-d5	9.335	82	334191	84.637	ng	0.00
42) 2,4,6-Tribromophenol	16.280	330	135521	119.505	ng	0.00
45) 2-Fluorobiphenyl	13.418	172	740471	77.115	ng	0.00
79) Terphenyl-d14	20.134	244	1139046	78.895	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.547	88	58747	38.141	ng	98
3) Pyridine	3.953	79	169031	39.197	ng	98
4) n-Nitrosodimethylamine	3.865	42	76203	40.339	ng	95
6) Aniline	7.478	93	210179	40.133	ng	98
8) 2-Chlorophenol	7.719	128	140733	44.106	ng	99
9) Benzaldehyde	7.290	77	109048	37.575	ng	99
10) Phenol	7.331	94	180379	41.485	ng	98
11) bis(2-Chloroethyl)ether	7.572	93	145044	39.027	ng	99
12) 1,3-Dichlorobenzene	8.048	146	160020	39.069	ng	100
13) 1,4-Dichlorobenzene	8.195	146	162025	39.255	ng	97
14) 1,2-Dichlorobenzene	8.518	146	153192	39.355	ng	98
15) Benzyl Alcohol	8.395	79	128564	43.949	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.683	45	235995	40.927	ng	98
17) 2-Methylphenol	8.595	107	126043	42.996	ng	96
18) Hexachloroethane	9.253	117	58457	42.884	ng	99
19) n-Nitroso-di-n-propyla...	8.965	70	121360	41.092	ng	97
20) 3+4-Methylphenols	8.924	107	174325	44.546	ng	96
22) Acetophenone	8.988	105	220724	38.948	ng	99
24) Nitrobenzene	9.376	77	168083	41.405	ng	100
25) Isophorone	9.893	82	310122	41.209	ng	99
26) 2-Nitrophenol	10.087	139	71132	54.913	ng	96
27) 2,4-Dimethylphenol	10.134	122	120332	43.835	ng	99
28) bis(2-Chloroethoxy)met...	10.375	93	173477	39.022	ng	99
29) 2,4-Dichlorophenol	10.622	162	134743	45.747	ng	99
30) 1,2,4-Trichlorobenzene	10.845	180	153480	39.103	ng	100
31) Naphthalene	11.039	128	467362	38.592	ng	99
32) Benzoic acid	10.263	122	63338	44.376	ng	94
33) 4-Chloroaniline	11.139	127	191529	40.069	ng	99
34) Hexachlorobutadiene	11.309	225	97448	39.327	ng	97
35) Caprolactam	11.908	113	45782	49.782	ng	95
36) 4-Chloro-3-methylphenol	12.243	107	144800	46.264	ng	96
37) 2-Methylnaphthalene	12.631	142	324667	39.024	ng	98
38) 1-Methylnaphthalene	12.848	142	315722	39.241	ng	99
40) 1,2,4,5-Tetrachloroben...	12.989	216	167615	38.340	ng	99
41) Hexachlorocyclopentadiene	12.966	237	84460	46.479	ng	98
43) 2,4,6-Trichlorophenol	13.224	196	115011	50.074	ng	95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.301	196	124233	47.792	ng		99
46) 1,1'-Biphenyl	13.630	154	410391	38.302	ng		100
47) 2-Chloronaphthalene	13.677	162	314199	38.441	ng		100
48) 2-Nitroaniline	13.871	65	99595	49.220	ng		97
49) Acenaphthylene	14.517	152	520345	39.167	ng		99
50) Dimethylphthalate	14.241	163	414813	43.503	ng		100
51) 2,6-Dinitrotoluene	14.358	165	86440	49.844	ng		94
52) Acenaphthene	14.858	154	329185	40.414	ng		99
53) 3-Nitroaniline	14.693	138	97619	48.813	ng		98
54) 2,4-Dinitrophenol	14.893	184	35033	56.639	ng		94
55) Dibenzofuran	15.187	168	484807	39.275	ng		98
56) 4-Nitrophenol	14.987	139	74609	50.193	ng		96
57) 2,4-Dinitrotoluene	15.146	165	118171	45.806	ng		91
58) Fluorene	15.839	166	404470	39.636	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.410	232	110280	50.957	ng		97
60) Diethylphthalate	15.592	149	419014	45.050	ng		99
61) 4-Chlorophenyl-phenyle...	15.821	204	199932	39.565	ng		99
62) 4-Nitroaniline	15.851	138	98288	45.099	ng		99
63) Azobenzene	16.115	77	403958	39.106	ng		99
65) 4,6-Dinitro-2-methylph...	15.904	198	57992	60.074	ng		94
66) n-Nitrosodiphenylamine	16.039	169	354878	39.516	ng		100
67) 4-Bromophenyl-phenylether	16.720	248	136894	44.999	ng		98
68) Hexachlorobenzene	16.838	284	150125	39.111	ng		99
69) Atrazine	16.979	200	124963	46.956	ng		99
70) Pentachlorophenol	17.179	266	81282	41.833	ng		98
71) Phenanthrene	17.578	178	651151	38.655	ng		100
72) Anthracene	17.672	178	641626	39.308	ng		100
73) Carbazole	17.936	167	584131	40.223	ng		99
74) Di-n-butylphthalate	18.483	149	741241	47.844	ng		99
75) Fluoranthene	19.582	202	788150	39.686	ng		100
77) Benzidine	19.758	184	309013	49.625	ng		99
78) Pyrene	19.946	202	798609	39.477	ng		99
80) Butylbenzylphthalate	20.821	149	325740	48.873	ng		99
81) Benzo(a)anthracene	21.814	228	756521	38.839	ng		99
82) 3,3'-Dichlorobenzidine	21.720	252	271359	46.104	ng		100
83) Chrysene	21.879	228	711610	38.390	ng		100
84) Bis(2-ethylhexyl)phtha...	21.703	149	472542	46.866	ng		100
85) Di-n-octyl phthalate	22.972	149	800601	53.303	ng		98
87) Indeno(1,2,3-cd)pyrene	29.094	276	895808	39.192	ng	#	92
88) Benzo(b)fluoranthene	24.129	252	736408	38.719	ng		100
89) Benzo(k)fluoranthene	24.200	252	760364	38.741	ng		99
90) Benzo(a)pyrene	25.052	252	636504	38.991	ng		99
91) Dibenzo(a,h)anthracene	29.176	278	739533	39.385	ng		98
92) Benzo(g,h,i)perylene	30.310	276	718531	39.143	ng		98

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

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