Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111821\
Data File : BG051103.D
Acq On : 18 Nov 2021 13:10
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Quant Time: Nov 18 15:02:22 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 15 03:55:35 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.223	152	30330	20.000	ng		0.00
21) Naphthalene-d8	11.049	136	124568	20.000	ng	#	0.00
39) Acenaphthene-d10	14.851	164	83533	20.000	ng		0.00
64) Phenanthrene-d10	17.601	188	186914	20.000	ng	#	0.00
76) Chrysene-d12	21.901	240	164557	20.000	ng	#	0.00
86) Perylene-d12	25.309	264	167502	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.761	112	161629	79.717	ng		0.00
7) Phenol-d6	7.371	99	219830	76.816	ng		0.00
23) Nitrobenzene-d5	9.398	82	223128	79.291	ng		0.00
42) 2,4,6-Tribromophenol	16.343	330	70849	84.754	ng		0.00
45) 2-Fluorobiphenyl	13.476	172	440519	83.325	ng		0.00
79) Terphenyl-d14	20.186	244	713567	79.345	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.611	88	32569	36.394	ng		91
3) Pyridine	4.022	79	99147	36.832	ng	#	87
4) n-Nitrosodimethylamine	3.940	42	43637	36.546	ng	#	39
6) Aniline	7.542	93	130918	38.411	ng		98
8) 2-Chlorophenol	7.783	128	81942	39.347	ng		94
9) Benzaldehyde	7.360	77	72017	34.971	ng	#	88
10) Phenol	7.401	94	113054	38.466	ng	#	81
11) bis(2-Chloroethyl)ether	7.630	93	85485	37.748	ng		89
12) 1,3-Dichlorobenzene	8.112	146	91334	40.267	ng		94
13) 1,4-Dichlorobenzene	8.259	146	91539	40.097	ng		97
14) 1,2-Dichlorobenzene	8.582	146	88344	39.844	ng		94
15) Benzyl Alcohol	8.464	79	89445	39.737	ng		91
16) 2,2'-oxybis(1-Chloropr...	8.746	45	125790	34.651	ng		86
17) 2-Methylphenol	8.664	107	75628	38.647	ng	#	91
18) Hexachloroethane	9.310	117	34665	40.002	ng		94
19) n-Nitroso-di-n-propyla...	9.028	70	79180	37.440	ng	#	85
20) 3+4-Methylphenols	8.993	107	106685	38.633	ng		93
22) Acetophenone	9.052	105	137849	39.816	ng	#	93
24) Nitrobenzene	9.445	77	109905	39.615	ng		91
25) Isophorone	9.962	82	198445	39.016	ng	#	95
26) 2-Nitrophenol	10.156	139	50472	42.805	ng	#	85
27) 2,4-Dimethylphenol	10.203	122	71400	39.727	ng		93
28) bis(2-Chloroethoxy)met...	10.438	93	118736	39.273	ng		94
29) 2,4-Dichlorophenol	10.697	162	78762	40.987	ng		95
30) 1,2,4-Trichlorobenzene	10.908	180	90593	42.082	ng		96
31) Naphthalene	11.102	128	265160	39.642	ng		98
32) Benzoic acid	10.356	122	49149	35.483	ng	#	84
33) 4-Chloroaniline	11.208	127	113557	40.182	ng		95
34) Hexachlorobutadiene	11.367	225	56288	42.971	ng		95
35) Caprolactam	11.989	113	20947	40.092	ng	#	77
36) 4-Chloro-3-methylphenol	12.318	107	96182	40.119	ng	#	93
37) 2-Methylnaphthalene	12.695	142	182308	40.110	ng		92
38) 1-Methylnaphthalene	12.912	142	177071	39.865	ng		92
40) 1,2,4,5-Tetrachloroben...	13.053	216	100088	41.129	ng		97
41) Hexachlorocyclopentadiene	13.024	237	31686	38.234	ng		94
43) 2,4,6-Trichlorophenol	13.294	196	71728	41.312	ng		98

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44) 2,4,5-Trichlorophenol	13.370	196	76687	41.415	ng		93
46) 1,1'-Biphenyl	13.687	154	241041	39.516	ng		97
47) 2-Chloronaphthalene	13.740	162	192643	40.279	ng		97
48) 2-Nitroaniline	13.940	65	71374	38.970	ng		89
49) Acenaphthylene	14.581	152	306689	39.649	ng		96
50) Dimethylphthalate	14.293	163	260058	39.568	ng		99
51) 2,6-Dinitrotoluene	14.428	165	54718	40.452	ng	#	81
52) Acenaphthene	14.915	154	175763	38.996	ng		91
53) 3-Nitroaniline	14.763	138	63337	40.064	ng		94
54) 2,4-Dinitrophenol	14.980	184	30498	41.229	ng		84
55) Dibenzofuran	15.250	168	303707	39.617	ng		96
56) 4-Nitrophenol	15.068	139	45315	37.469	ng	#	72
57) 2,4-Dinitrotoluene	15.215	165	78110	40.698	ng	#	92
58) Fluorene	15.897	166	239499	40.023	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.474	232	63477	40.250	ng	#	98
60) Diethylphthalate	15.644	149	269798	39.120	ng		97
61) 4-Chlorophenyl-phenyle...	15.879	204	131010	40.532	ng		96
62) 4-Nitroaniline	15.926	138	66541	40.492	ng	#	60
63) Azobenzene	16.173	77	273705	37.450	ng		82
65) 4,6-Dinitro-2-methylph...	15.985	198	49845	43.104	ng		90
66) n-Nitrosodiphenylamine	16.096	169	218247	40.658	ng		96
67) 4-Bromophenyl-phenylether	16.778	248	80664	41.200	ng		93
68) Hexachlorobenzene	16.901	284	79937	41.478	ng		95
69) Atrazine	17.036	200	54743	41.017	ng		98
70) Pentachlorophenol	17.248	266	40899	37.397	ng		97
71) Phenanthrene	17.642	178	399937	40.114	ng		97
72) Anthracene	17.736	178	400076	40.347	ng		98
73) Carbazole	18.006	167	391822	39.900	ng		98
74) Di-n-butylphthalate	18.529	149	465652	40.022	ng	#	96
75) Fluoranthene	19.645	202	472806	38.654	ng		96
77) Benzidine	19.816	184	117733	37.850	ng		97
78) Pyrene	20.004	202	476039	38.561	ng		97
80) Butylbenzylphthalate	20.861	149	207352	39.076	ng		98
81) Benzo(a)anthracene	21.884	228	451415	39.951	ng		100
82) 3,3'-Dichlorobenzidine	21.784	252	207533	40.160	ng	#	98
83) Chrysene	21.954	228	427146	40.073	ng		97
84) Bis(2-ethylhexyl)phtha...	21.737	149	296251	39.649	ng	#	96
85) Di-n-octyl phthalate	23.006	149	495632	39.406	ng		100
87) Indeno(1,2,3-cd)pyrene	29.252	276	484703	40.768	ng	#	96
88) Benzo(b)fluoranthene	24.222	252	424070	40.221	ng	#	94
89) Benzo(k)fluoranthene	24.293	252	415873	39.548	ng	#	97
90) Benzo(a)pyrene	25.150	252	360483	40.048	ng	#	95
91) Dibenzo(a,h)anthracene	29.310	278	405718	41.448	ng	#	92
92) Benzo(g,h,i)perylene	30.491	276	397973	41.313	ng	#	91

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

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