Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101222\
Data File : BG055137.D
Acq On : 12 Oct 2022 10:59
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Quant Time: Oct 13 04:42:13 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 08 03:04:59 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.330	152	28816	20.000	ng		0.00
21) Naphthalene-d8	11.162	136	118601	20.000	ng	#	0.00
39) Acenaphthene-d10	14.940	164	89052	20.000	ng		0.00
64) Phenanthrene-d10	17.672	188	212465	20.000	ng		0.00
76) Chrysene-d12	21.961	240	189846	20.000	ng		0.00
86) Perylene-d12	25.398	264	211044	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.844	112	124991	96.343	ng		0.00
7) Phenol-d6	7.460	99	172020	88.495	ng		0.00
23) Nitrobenzene-d5	9.499	82	182467	91.931	ng		0.00
42) 2,4,6-Tribromophenol	16.414	330	104336	113.582	ng		0.00
45) 2-Fluorobiphenyl	13.565	172	466393	81.761	ng		0.00
79) Terphenyl-d14	20.239	244	828285	88.183	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.676	88	26741	36.429	ng		97
3) Pyridine	4.093	79	82533	37.390	ng		91
4) n-Nitrosodimethylamine	4.005	42	44053	34.898	ng	#	97
6) Aniline	7.642	93	110288	38.777	ng		94
8) 2-Chlorophenol	7.883	128	73633	49.343	ng		94
9) Benzaldehyde	7.454	77	56164	35.966	ng		92
10) Phenol	7.484	94	97002	43.914	ng		96
11) bis(2-Chloroethyl)ether	7.730	93	69157	38.199	ng		97
12) 1,3-Dichlorobenzene	8.218	146	86897	42.305	ng		96
13) 1,4-Dichlorobenzene	8.365	146	86777	41.746	ng		99
14) 1,2-Dichlorobenzene	8.688	146	83429	41.310	ng		98
15) Benzyl Alcohol	8.559	79	75194	43.067	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.847	45	114636	33.428	ng		100
17) 2-Methylphenol	8.753	107	68966	44.314	ng		94
18) Hexachloroethane	9.428	117	29497	44.751	ng		90
19) n-Nitroso-di-n-propyla...	9.129	70	67630	35.917	ng	#	95
20) 3+4-Methylphenols	9.082	107	96765	44.646	ng		97
22) Acetophenone	9.152	105	122473	40.721	ng		97
24) Nitrobenzene	9.540	77	95068	44.112	ng		92
25) Isophorone	10.063	82	176887	41.932	ng		99
26) 2-Nitrophenol	10.257	139	44805	71.203	ng	#	84
27) 2,4-Dimethylphenol	10.298	122	69531	48.082	ng		97
28) bis(2-Chloroethoxy)met...	10.539	93	88481	40.991	ng	#	96
29) 2,4-Dichlorophenol	10.792	162	85492	48.317	ng		95
30) 1,2,4-Trichlorobenzene	11.015	180	91844	44.341	ng		96
31) Naphthalene	11.209	128	262552	41.944	ng		99
32) Benzoic acid	10.421	122	52112	53.997	ng		92
33) 4-Chloroaniline	11.303	127	109606	42.346	ng		95
34) Hexachlorobutadiene	11.485	225	61997	46.160	ng		96
35) Caprolactam	12.072	113	28679	50.979	ng		94
36) 4-Chloro-3-methylphenol	12.396	107	90472	44.990	ng		95
37) 2-Methylnaphthalene	12.789	142	191851	41.590	ng		98
38) 1-Methylnaphthalene	13.007	142	186490	41.563	ng		97
40) 1,2,4,5-Tetrachloroben...	13.148	216	109880	42.259	ng		99
41) Hexachlorocyclopentadiene	13.124	237	56572	50.526	ng		99
43) 2,4,6-Trichlorophenol	13.377	196	78885	49.681	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.447	196	88138	49.186	ng		97
46) 1,1'-Biphenyl	13.776	154	250176	40.974	ng		98
47) 2-Chloronaphthalene	13.823	162	204763	41.618	ng		99
48) 2-Nitroaniline	14.011	65	67958	48.997	ng		98
49) Acenaphthylene	14.663	152	334221	41.023	ng		99
50) Dimethylphthalate	14.376	163	289318	47.867	ng		98
51) 2,6-Dinitrotoluene	14.499	165	58797	47.527	ng	#	82
52) Acenaphthene	14.998	154	214889	42.479	ng		98
53) 3-Nitroaniline	14.828	138	66929	46.550	ng	#	99
54) 2,4-Dinitrophenol	15.028	184	32332	57.550	ng	#	50
55) Dibenzofuran	15.333	168	334667	41.465	ng		97
56) 4-Nitrophenol	15.110	139	52174	49.088	ng		96
57) 2,4-Dinitrotoluene	15.280	165	85120	50.184	ng	#	83
58) Fluorene	15.974	166	269799	41.773	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.545	232	81644	49.341	ng		99
60) Diethylphthalate	15.727	149	297199	47.654	ng		100
61) 4-Chlorophenyl-phenyle...	15.956	204	147502	42.014	ng		97
62) 4-Nitroaniline	15.985	138	70521	48.501	ng		95
63) Azobenzene	16.250	77	253670	36.115	ng		96
65) 4,6-Dinitro-2-methylph...	16.038	198	50983	64.378	ng		98
66) n-Nitrosodiphenylamine	16.168	169	238999	43.193	ng		96
67) 4-Bromophenyl-phenylether	16.849	248	101393	45.124	ng		98
68) Hexachlorobenzene	16.973	284	116013	44.657	ng		96
69) Atrazine	17.102	200	93332	51.773	ng		98
70) Pentachlorophenol	17.313	266	70458	50.578	ng		98
71) Phenanthrene	17.713	178	462726	41.461	ng		98
72) Anthracene	17.801	178	452747	41.710	ng		99
73) Carbazole	18.065	167	412387	43.284	ng		99
74) Di-n-butylphthalate	18.600	149	508656	51.143	ng		99
75) Fluoranthene	19.699	202	546467	39.249	ng		99
77) Benzidine	19.863	184	196831	60.184	ng		98
78) Pyrene	20.057	202	547530	43.373	ng		99
80) Butylbenzylphthalate	20.921	149	203106	51.045	ng		98
81) Benzo(a)anthracene	21.937	228	521284	43.224	ng		99
82) 3,3'-Dichlorobenzidine	21.837	252	181366	51.731	ng		96
83) Chrysene	22.008	228	493108	42.423	ng		99
84) Bis(2-ethylhexyl)phtha...	21.814	149	288896	48.808	ng		98
85) Di-n-octyl phthalate	23.101	149	494711	49.702	ng		95
87) Indeno(1,2,3-cd)pyrene	29.364	276	651353	42.767	ng		98
88) Benzo(b)fluoranthene	24.299	252	514493	41.375	ng		99
89) Benzo(k)fluoranthene	24.376	252	526772	42.050	ng		100
90) Benzo(a)pyrene	25.239	252	447223	41.962	ng		98
91) Dibenzo(a,h)anthracene	29.440	278	544669	44.024	ng		97
92) Benzo(g,h,i)perylene	30.621	276	530194	42.690	ng		97

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

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