Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062821\
Data File : BG049117.D
Acq On : 28 Jun 2021 13:04
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Jun 28 16:08:18 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 24 11:02:36 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.100	152	32330	20.000	ng		0.00
21) Naphthalene-d8	10.926	136	126279	20.000	ng	#	0.00
39) Acenaphthene-d10	14.745	164	92135	20.000	ng		0.00
64) Phenanthrene-d10	17.495	188	212300	20.000	ng	#	0.00
76) Chrysene-d12	21.778	240	206426	20.000	ng		-0.01
86) Perylene-d12	25.098	264	216598	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.656	112	169214	81.476	ng		0.00
7) Phenol-d6	7.260	99	241726	77.655	ng		0.00
23) Nitrobenzene-d5	9.269	82	250568	85.560	ng		0.00
42) 2,4,6-Tribromophenol	16.232	330	135260	99.089	ng		0.00
45) 2-Fluorobiphenyl	13.364	172	558244	85.593	ng		0.00
79) Terphenyl-d14	20.098	244	1013409	89.910	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.535	88	37524	37.009	ng	#	82
3) Pyridine	3.940	79	101810	37.015	ng		93
4) n-Nitrosodimethylamine	3.852	42	57416	43.591	ng	#	77
6) Aniline	7.424	93	145417	37.095	ng		92
8) 2-Chlorophenol	7.665	128	91273	39.872	ng		88
9) Benzaldehyde	7.236	77	66680	41.398	ng		90
10) Phenol	7.283	94	121771	37.866	ng		91
11) bis(2-Chloroethyl)ether	7.512	93	87075	36.494	ng		85
12) 1,3-Dichlorobenzene	7.994	146	104595	40.903	ng		94
13) 1,4-Dichlorobenzene	8.141	146	102280	40.118	ng		96
14) 1,2-Dichlorobenzene	8.458	146	96355	39.287	ng		93
15) Benzyl Alcohol	8.335	79	103996	36.479	ng		94
16) 2,2'-oxybis(1-Chloropr...	8.629	45	142662	31.600	ng		84
17) 2-Methylphenol	8.541	107	80395	38.122	ng		96
18) Hexachloroethane	9.193	117	41242	40.324	ng		95
19) n-Nitroso-di-n-propyla...	8.911	70	85185	35.010	ng		94
20) 3+4-Methylphenols	8.876	107	111706	38.742	ng		99
22) Acetophenone	8.928	105	159905	41.621	ng	#	98
24) Nitrobenzene	9.310	77	131615	39.897	ng		98
25) Isophorone	9.839	82	231436	36.275	ng		99
26) 2-Nitrophenol	10.027	139	55991	50.037	ng		98
27) 2,4-Dimethylphenol	10.080	122	80017	39.440	ng		97
28) bis(2-Chloroethoxy)met...	10.321	93	111746	37.825	ng		94
29) 2,4-Dichlorophenol	10.568	162	94217	41.394	ng		94
30) 1,2,4-Trichlorobenzene	10.785	180	112724	43.196	ng		93
31) Naphthalene	10.973	128	297814	39.587	ng		97
32) Benzoic acid	10.233	122	64789	48.891	ng	#	69
33) 4-Chloroaniline	11.079	127	130166	40.750	ng		99
34) Hexachlorobutadiene	11.261	225	82172	44.181	ng		96
35) Caprolactam	11.860	113	32215	48.963	ng	#	54
36) 4-Chloro-3-methylphenol	12.195	107	114468	41.145	ng	#	96
37) 2-Methylnaphthalene	12.577	142	229633	40.412	ng		94
38) 1-Methylnaphthalene	12.795	142	214669	40.239	ng		95
40) 1,2,4,5-Tetrachloroben...	12.941	216	132328	45.230	ng		98
41) Hexachlorocyclopentadiene	12.924	237	79556	42.300	ng		96
43) 2,4,6-Trichlorophenol	13.176	196	92026	47.011	ng		92

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.253	196	97540	48.188	ng		89
46) 1,1'-Biphenyl	13.576	154	281300	41.412	ng		98
47) 2-Chloronaphthalene	13.623	162	222926	41.097	ng		96
48) 2-Nitroaniline	13.823	65	84418	43.527	ng		90
49) Acenaphthylene	14.469	152	362834	40.140	ng		95
50) Dimethylphthalate	14.193	163	302056	42.087	ng		98
51) 2,6-Dinitrotoluene	14.310	165	69801	47.758	ng		92
52) Acenaphthene	14.810	154	223374	38.340	ng		89
53) 3-Nitroaniline	14.645	138	68285	46.147	ng		90
54) 2,4-Dinitrophenol	14.845	184	43915	64.866	ng		94
55) Dibenzofuran	15.145	168	362949	40.077	ng		97
56) 4-Nitrophenol	14.951	139	58183	48.230	ng	#	87
57) 2,4-Dinitrotoluene	15.098	165	100895	56.201	ng		94
58) Fluorene	15.791	166	303822	41.026	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.368	232	95238	46.482	ng	#	96
60) Diethylphthalate	15.556	149	324712	41.774	ng		96
61) 4-Chlorophenyl-phenyle...	15.779	204	166073	42.888	ng		99
62) 4-Nitroaniline	15.809	138	70735	47.268	ng	#	81
63) Azobenzene	16.073	77	316575	35.595	ng		90
65) 4,6-Dinitro-2-methylph...	15.862	198	64004	63.576	ng		95
66) n-Nitrosodiphenylamine	15.997	169	265526	40.133	ng		98
67) 4-Bromophenyl-phenylether	16.678	248	115903	43.723	ng		92
68) Hexachlorobenzene	16.796	284	126120	43.897	ng		96
69) Atrazine	16.943	200	98014	46.154	ng		95
70) Pentachlorophenol	17.142	266	78380	45.394	ng		97
71) Phenanthrene	17.536	178	493980	41.352	ng		98
72) Anthracene	17.624	178	492175	41.002	ng		97
73) Carbazole	17.894	167	474742	41.260	ng		97
74) Di-n-butylphthalate	18.447	149	559782	43.377	ng		97
75) Fluoranthene	19.540	202	629359	43.690	ng		98
77) Benzidine	19.716	184	216314	52.018	ng		98
78) Pyrene	19.904	202	621443	41.477	ng		95
80) Butylbenzylphthalate	20.779	149	241477	42.717	ng		94
81) Benzo(a)anthracene	21.761	228	621294	41.919	ng		99
82) 3,3'-Dichlorobenzidine	21.672	252	209200	44.138	ng		97
83) Chrysene	21.831	228	593868	41.790	ng		97
84) Bis(2-ethylhexyl)phtha...	21.655	149	330836	41.058	ng		95
85) Di-n-octyl phthalate	22.906	149	563688	41.247	ng		97
87) Indeno(1,2,3-cd)pyrene	28.893	276	705065	43.253	ng	#	97
88) Benzo(b)fluoranthene	24.040	252	647294	41.922	ng	#	94
89) Benzo(k)fluoranthene	24.117	252	612803	41.830	ng	#	99
90) Benzo(a)pyrene	24.939	252	589352	41.814	ng	#	97
91) Dibenzo(a,h)anthracene	28.964	278	603789	44.320	ng	#	95
92) Benzo(g,h,i)perylene	30.086	276	591003	43.021	ng		99

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

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