Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072221\
Data File : BG049413.D
Acq On : 22 Jul 2021 18:13
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040EC

Quant Time: Jul 22 18:51:11 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG072121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 22 14:51:57 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.052	152	25533	20.00	ng		0.00
21) Naphthalene-d8	10.871	136	100086	20.00	ng		# 0.00
39) Acenaphthene-d10	14.701	164	67586	20.00	ng		0.00
64) Phenanthrene-d10	17.451	188	149007	20.00	ng		# 0.00
76) Chrysene-d12	21.733	240	149828	20.00	ng		0.00
86) Perylene-d12	25.011	264	168793	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.602	112	126057	83.76	ng		0.00
7) Phenol-d6	7.206	99	183926	83.92	ng		0.00
23) Nitrobenzene-d5	9.221	82	180946	81.00	ng		0.00
42) 2,4,6-Tribromophenol	16.194	330	76903	84.97	ng		0.00
45) 2-Fluorobiphenyl	13.321	172	366205	77.97	ng		0.00
79) Terphenyl-d14	20.059	244	620941	80.94	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.475	88	28130	41.26	ng		96
3) Pyridine	3.881	79	75752	43.60	ng		89
4) n-Nitrosodimethylamine	3.799	42	39000	45.71	ng	#	61
6) Aniline	7.370	93	95500	40.29	ng		92
8) 2-Chlorophenol	7.611	128	64786	41.98	ng		96
9) Benzaldehyde	7.182	77	60030	41.23	ng		88
10) Phenol	7.235	94	88603	42.44	ng		91
11) bis(2-Chloroethyl)ether	7.470	93	58712	41.05	ng		91
12) 1,3-Dichlorobenzene	7.940	146	73327	40.18	ng		96
13) 1,4-Dichlorobenzene	8.087	146	74978	41.26	ng		98
14) 1,2-Dichlorobenzene	8.410	146	72214	41.14	ng		95
15) Benzyl Alcohol	8.292	79	74767	41.73	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.580	45	69238	41.45	ng		94
17) 2-Methylphenol	8.492	107	58031	41.75	ng		94
18) Hexachloroethane	9.144	117	28644	40.56	ng		89
19) n-Nitroso-di-n-propyla...	8.862	70	59225	41.13	ng	#	86
20) 3+4-Methylphenols	8.821	107	78743	41.34	ng		97
22) Acetophenone	8.880	105	108589	40.52	ng	#	98
24) Nitrobenzene	9.262	77	95489	40.70	ng		98
25) Isophorone	9.785	82	158573	40.06	ng		98
26) 2-Nitrophenol	9.978	139	37193	43.67	ng		97
27) 2,4-Dimethylphenol	10.031	122	55575	40.82	ng		97
28) bis(2-Chloroethoxy)met...	10.272	93	71895	40.71	ng		97
29) 2,4-Dichlorophenol	10.519	162	65733	41.63	ng		90
30) 1,2,4-Trichlorobenzene	10.730	180	72313	40.56	ng		96
31) Naphthalene	10.924	128	209585	39.71	ng		97
32) Benzoic acid	10.166	122	37543	41.97	ng	#	84
33) 4-Chloroaniline	11.030	127	82704	41.06	ng		96
34) Hexachlorobutadiene	11.206	225	51973	40.68	ng		97
35) Caprolactam	11.799	113	20294	41.39	ng	#	77
36) 4-Chloro-3-methylphenol	12.146	107	76325	40.99	ng	#	86
37) 2-Methylnaphthalene	12.528	142	153967	39.97	ng		94
38) 1-Methylnaphthalene	12.745	142	146343	39.73	ng		92
40) 1,2,4,5-Tetrachloroben...	12.892	216	79299	39.68	ng		99
41) Hexachlorocyclopentadiene	12.874	237	41117	46.09	ng		94
43) 2,4,6-Trichlorophenol	13.133	196	52273	40.10	ng		97

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44) 2,4,5-Trichlorophenol	13.209	196	57058	40.46	ng		88
46) 1,1'-Biphenyl	13.532	154	192559	38.86	ng		99
47) 2-Chloronaphthalene	13.579	162	151138	39.71	ng		97
48) 2-Nitroaniline	13.779	65	55084	41.59	ng		96
49) Acenaphthylene	14.425	152	242079	39.23	ng		96
50) Dimethylphthalate	14.149	163	197567	40.24	ng		99
51) 2,6-Dinitrotoluene	14.273	165	42966	40.30	ng		95
52) Acenaphthene	14.766	154	146746	39.40	ng		90
53) 3-Nitroaniline	14.602	138	43752	40.93	ng		95
54) 2,4-Dinitrophenol	14.807	184	21060	46.94	ng		92
55) Dibenzofuran	15.101	168	233041	39.00	ng		96
56) 4-Nitrophenol	14.913	139	33394	39.60	ng		95
57) 2,4-Dinitrotoluene	15.060	165	62892	42.69	ng	#	94
58) Fluorene	15.747	166	189831	39.20	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.324	232	51252	39.76	ng		96
60) Diethylphthalate	15.512	149	199876	40.53	ng		95
61) 4-Chlorophenyl-phenyle...	15.741	204	101000	41.00	ng		94
62) 4-Nitroaniline	15.765	138	44425	39.49	ng		96
63) Azobenzene	16.029	77	215018	39.37	ng		88
65) 4,6-Dinitro-2-methylph...	15.823	198	34442	42.67	ng		94
66) n-Nitrosodiphenylamine	15.953	169	164974	38.54	ng		98
67) 4-Bromophenyl-phenylether	16.634	248	69203	41.00	ng		94
68) Hexachlorobenzene	16.757	284	73547	38.48	ng		97
69) Atrazine	16.898	200	66162	39.01	ng		95
70) Pentachlorophenol	17.098	266	36478	42.47	ng		97
71) Phenanthrene	17.492	178	305374	38.12	ng		96
72) Anthracene	17.586	178	298990	37.98	ng		97
73) Carbazole	17.856	167	294366	39.31	ng		99
74) Di-n-butylphthalate	18.408	149	333993	39.11	ng		98
75) Fluoranthene	19.501	202	386182	38.72	ng		97
77) Benzidine	19.677	184	178105	42.95	ng		97
78) Pyrene	19.865	202	386848	39.34	ng		97
80) Butylbenzylphthalate	20.740	149	151554	42.39	ng		98
81) Benzo(a)anthracene	21.715	228	380653	40.11	ng		97
82) 3,3'-Dichlorobenzidine	21.627	252	111545	40.74	ng		100
83) Chrysene	21.780	228	364731	39.85	ng		99
84) Bis(2-ethylhexyl)phtha...	21.610	149	222507	41.50	ng		96
85) Di-n-octyl phthalate	22.837	149	388786	41.98	ng		98
87) Indeno(1,2,3-cd)pyrene	28.771	276	466609	39.05	ng		98
88) Benzo(b)fluoranthene	23.965	252	420860	38.69	ng	#	96
89) Benzo(k)fluoranthene	24.036	252	392460	38.79	ng	#	99
90) Benzo(a)pyrene	24.858	252	386496	39.21	ng		99
91) Dibenzo(a,h)anthracene	28.823	278	392272	39.09	ng	#	98
92) Benzo(g,h,i)perylene	29.940	276	387074	38.98	ng	#	96

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

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