Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062421\
Data File : BG049078.D
Acq On : 24 Jun 2021 12:22
Operator : CG/JU
Sample : PB137257BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB137257BS

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6/25/2021 1:09:23 PM

Quant Time: Jun 24 13:26:15 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	8.103	152	34664	20.000	ng	0.00
21) Naphthalene-d8	10.929	136	138384	20.000	ng	# 0.00
39) Acenaphthene-d10	14.748	164	99889	20.000	ng	0.00
64) Phenanthrene-d10	17.497	188	234446	20.000	ng	# 0.00
76) Chrysene-d12	21.787	240	240432	20.000	ng	0.00
86) Perylene-d12	25.106	264	243885	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.658	112	284311	127.677	ng	0.00
7) Phenol-d6	7.262	99	364426	109.190	ng	0.00
23) Nitrobenzene-d5	9.272	82	261375	81.443	ng	0.00
42) 2,4,6-Tribromophenol	16.234	330	195255	131.936	ng	0.00
45) 2-Fluorobiphenyl	13.373	172	554197	78.376	ng	0.00
79) Terphenyl-d14	20.100	244	1056021	80.439	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.531	88	31148	28.652	ng	# 78
3) Pyridine	3.937	79	83292	28.244	ng	89
4) n-Nitrosodimethylamine	3.849	42	61836	43.786	ng	# 72
6) Aniline	7.421	93	116135	27.631	ng	92
8) 2-Chlorophenol	7.668	128	107200	43.677	ng	91
9) Benzaldehyde	7.239	77	20495	11.867	ng	# 85
10) Phenol	7.286	94	138231	40.091	ng	93
11) bis(2-Chloroethyl)ether	7.515	93	95817	37.454	ng	# 81
12) 1,3-Dichlorobenzene	7.991	146	109188	39.824	ng	99
13) 1,4-Dichlorobenzene	8.138	146	111559	40.812	ng	97
14) 1,2-Dichlorobenzene	8.461	146	110809	42.138	ng	94
15) Benzyl Alcohol	8.343	79	116989	38.274	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.631	45	166517	34.400	ng	83
17) 2-Methylphenol	8.549	107	92397	40.863	ng	96
18) Hexachloroethane	9.201	117	44811	40.863	ng	92
19) n-Nitroso-di-n-propyla...	8.913	70	88162	33.794	ng	95
20) 3+4-Methylphenols	8.878	107	126550	40.935	ng	97
22) Acetophenone	8.931	105	175407	41.663	ng	# 97
24) Nitrobenzene	9.319	77	142527	39.426	ng	97
25) Isophorone	9.842	82	234734	33.573	ng	# 96
26) 2-Nitrophenol	10.030	139	57615	46.984	ng	89
27) 2,4-Dimethylphenol	10.089	122	98652	44.372	ng	99
28) bis(2-Chloroethoxy)met...	10.324	93	128114	39.572	ng	96
29) 2,4-Dichlorophenol	10.570	162	105344	42.234	ng	93
30) 1,2,4-Trichlorobenzene	10.788	180	119570	41.811	ng	94
31) Naphthalene	10.976	128	319845	38.796	ng	97
32) Benzoic acid	10.235	122	67466	46.458	ng	# 76
33) 4-Chloroaniline	11.081	127	51997	14.854	ng	# 95
34) Hexachlorobutadiene	11.264	225	83699	41.065	ng	90
35) Caprolactam	11.863	113	34246m	47.496	ng	
36) 4-Chloro-3-methylphenol	12.204	107	121086	39.716	ng	94
37) 2-Methylnaphthalene	12.580	142	237887	38.202	ng	95
38) 1-Methylnaphthalene	12.797	142	222374	38.037	ng	96
40) 1,2,4,5-Tetrachloroben...	12.944	216	139946	44.121	ng	98
41) Hexachlorocyclopentadiene	12.926	237	198606	97.402	ng	92
43) 2,4,6-Trichlorophenol	13.179	196	97110	45.758	ng	92

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.255	196	107226	48.861	ng		87
46) 1,1'-Biphenyl	13.584	154	303173	41.168	ng		97
47) 2-Chloronaphthalene	13.626	162	237274	40.347	ng		98
48) 2-Nitroaniline	13.825	65	93899	44.436	ng		94
49) Acenaphthylene	14.472	152	385636	39.351	ng		95
50) Dimethylphthalate	14.201	163	325691	41.858	ng		99
51) 2,6-Dinitrotoluene	14.313	165	70609	44.560	ng		95
52) Acenaphthene	14.812	154	230825	36.544	ng		94
53) 3-Nitroaniline	14.648	138	44301	27.615	ng		96
54) 2,4-Dinitrophenol	14.854	184	87643	119.407	ng		96
55) Dibenzofuran	15.147	168	372266	37.915	ng		99
56) 4-Nitrophenol	14.959	139	125569	96.009	ng		88
57) 2,4-Dinitrotoluene	15.100	165	101857	52.333	ng		94
58) Fluorene	15.794	166	312327	38.901	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.371	232	98449	44.320	ng	#	98
60) Diethylphthalate	15.559	149	339601	40.298	ng		96
61) 4-Chlorophenyl-phenyle...	15.788	204	175520	41.809	ng		95
62) 4-Nitroaniline	15.811	138	72007	44.383	ng	#	83
63) Azobenzene	16.076	77	333445	34.581	ng		90
65) 4,6-Dinitro-2-methylph...	15.864	198	58792	52.882	ng		88
66) n-Nitrosodiphenylamine	15.999	169	277815	38.024	ng		98
67) 4-Bromophenyl-phenylether	16.681	248	117719	40.213	ng		90
68) Hexachlorobenzene	16.798	284	133341	42.026	ng		96
69) Atrazine	16.945	200	119030	50.755	ng		99
70) Pentachlorophenol	17.145	266	173725	91.109	ng		96
71) Phenanthrene	17.539	178	522119	39.579	ng		98
72) Anthracene	17.633	178	531849	40.122	ng		98
73) Carbazole	17.897	167	495053	38.961	ng		99
74) Di-n-butylphthalate	18.449	149	607131	42.602	ng		98
75) Fluoranthene	19.548	202	681547	42.844	ng		98
77) Benzidine	19.718	184	257385	53.140	ng		97
78) Pyrene	19.906	202	683846	39.186	ng		97
80) Butylbenzylphthalate	20.788	149	276293	41.963	ng		99
81) Benzo(a)anthracene	21.769	228	694973	40.258	ng		98
82) 3,3'-Dichlorobenzidine	21.675	252	171239	31.019	ng		98
83) Chrysene	21.834	228	664219	40.130	ng		96
84) Bis(2-ethylhexyl)phtha...	21.663	149	401159	42.744	ng		94
85) Di-n-octyl phthalate	22.915	149	683877	42.964	ng		97
87) Indeno(1,2,3-cd)pyrene	28.913	276	852536	46.448	ng		99
88) Benzo(b)fluoranthene	24.054	252	741653	42.659	ng	#	97
89) Benzo(k)fluoranthene	24.125	252	719530	43.620	ng	#	98
90) Benzo(a)pyrene	24.953	252	713041	44.930	ng		96
91) Dibenzo(a,h)anthracene	28.990	278	714909	46.605	ng	#	94
92) Benzo(g,h,i)perylene	30.112	276	708862	45.827	ng	#	96

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

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