Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG060920\
Data File : BG045667.D
Acq On : 9 Jun 2020 17:06
Operator : CG/JU
Sample : L2904-02MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : VE-4-11MS

Quant Time: Jun 10 04:51:56 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG051520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 01 15:07:00 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	74598	20.00	ng		0.00
21) Naphthalene-d8	10.76	136	287492	20.00	ng		0.00
39) Acenaphthene-d10	14.59	164	191791	20.00	ng		0.00
64) Phenanthrene-d10	17.34	188	403797	20.00	ng		0.00
76) Chrysene-d12	21.61	240	358928	20.00	ng		0.00
87) Perylene-d12	24.75	264	390683	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.54	112	230134	60.29	ng		0.00
7) Phenol-d6	7.14	99	193330	35.58	ng		0.00
23) Nitrobenzene-d5	9.11	82	489459	92.84	ng		0.00
42) 2,4,6-Tribromophenol	16.09	330	320543	130.69	ng		0.00
45) 2-Fluorobiphenyl	13.21	172	1029003	91.01	ng		0.00
79) Terphenyl-d14	19.96	244	1501090	97.54	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.41	88	24815	13.11	ng		95
3) Pyridine	3.82	79	36957	7.01	ng		91
4) n-Nitrosodimethylamine	3.72	42	25350	14.70	ng	#	91
6) Aniline	7.27	93	65349	9.21	ng		97
8) 2-Chlorophenol	7.53	128	150515	35.96	ng		98
9) Benzaldehyde	7.09	77	105471	29.80	ng		97
10) Phenol	7.17	94	69390	12.39	ng		98
11) bis(2-Chloroethyl)ether	7.37	93	170709	39.09	ng		95
12) 1,3-Dichlorobenzene	7.84	146	180072	35.80	ng		99
13) 1,4-Dichlorobenzene	7.98	146	182697	36.80	ng		97
14) 1,2-Dichlorobenzene	8.30	146	173397	36.32	ng		97
15) Benzyl Alcohol	8.20	79	103190	22.99	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.48	45	158075	38.13	ng		98
17) 2-Methylphenol	8.41	107	105274	25.12	ng		95
18) Hexachloroethane	9.03	117	71235	37.47	ng		97
19) n-Nitroso-di-n-propylamine	8.76	70	156119	41.55	ng		95
20) 3+4-Methylphenols	8.74	107	126726	22.20	ng		94
22) Acetophenone	8.77	105	280749	41.20	ng		97
24) Nitrobenzene	9.15	77	235985	41.78	ng		95
25) Isophorone	9.68	82	420984	40.55	ng		96
26) 2-Nitrophenol	9.86	139	102257	42.32	ng		92
27) 2,4-Dimethylphenol	9.94	122	150125	41.89	ng		93
28) bis(2-Chloroethoxy)methane	10.16	93	236503	43.43	ng		97
29) 2,4-Dichlorophenol	10.42	162	177569	41.96	ng		99
30) 1,2,4-Trichlorobenzene	10.62	180	203252	40.64	ng		98
31) Naphthalene	10.80	128	546944	40.83	ng		100
32) Benzoic acid	10.07	122	23111	17.52	ng		86
33) 4-Chloroaniline	10.92	127	53115	9.48	ng		93
34) Hexachlorobutadiene	11.10	225	136243	38.54	ng		97
35) Caprolactam	11.72	113	7806	5.03	ng		92
36) 4-Chloro-3-methylphenol	12.06	107	176944	37.10	ng		92
37) 2-Methylnaphthalene	12.41	142	417824	41.84	ng		99
38) 1-Methylnaphthalene	12.64	142	394563	41.83	ng		95
40) 1,2,4,5-Tetrachlorobenzene	12.79	216	238431	44.51	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.77	237	278308	90.01	ng		98
43) 2,4,6-Trichlorophenol	13.03	196	158726	42.65	ng		98
44) 2,4,5-Trichlorophenol	13.12	196	166120	39.06	ng		97
46) 1,1'-Biphenyl	13.42	154	522906	44.37	ng		99
47) 2-Chloronaphthalene	13.47	162	397918	41.58	ng		99
48) 2-Nitroaniline	13.68	65	124718	39.62	ng		91
49) Acenaphthylene	14.32	152	642820	41.82	ng		99
50) Dimethylphthalate	14.05	163	693292	52.69	ng		99
51) 2,6-Dinitrotoluene	14.17	165	118502	39.92	ng		99
52) Acenaphthene	14.66	154	378189	36.76	ng		97
53) 3-Nitroaniline	14.50	138	39556	13.11	ng		94
54) 2,4-Dinitrophenol	14.71	184	138605	71.87	ng		95
55) Dibenzofuran	14.99	168	625983	40.97	ng		95
56) 4-Nitrophenol	14.86	139	43635	19.10	ng		85
57) 2,4-Dinitrotoluene	14.96	165	160768	37.39	ng		95
58) Fluorene	15.64	166	502453	40.03	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.23	232	151620	40.53	ng		98
60) Diethylphthalate	15.42	149	524031	38.27	ng		99
61) 4-Chlorophenyl-phenylether	15.63	204	283222	39.43	ng		99
62) 4-Nitroaniline	15.67	138	87097	27.64	ng		94
63) Azobenzene	15.93	77	513866	40.24	ng		98
65) 4,6-Dinitro-2-methylphenol	15.73	198	103352	43.95	ng		92
66) n-Nitrosodiphenylamine	15.85	169	449949	46.41	ng		96
67) 4-Bromophenyl-phenylether	16.53	248	192083	43.93	ng		98
68) Hexachlorobenzene	16.65	284	203493	44.50	ng		97
69) Atrazine	16.81	200	142613	35.71	ng		98
70) Pentachlorophenol	17.01	266	219116	92.27	ng		97
71) Phenanthrene	17.38	178	764808	43.39	ng		99
72) Anthracene	17.48	178	780019	44.06	ng		98
73) Carbazole	17.75	167	687479	39.84	ng		99
74) Di-n-butylphthalate	18.31	149	809628	39.09	ng		99
75) Fluoranthene	19.40	202	861684	38.43	ng		99
78) Pyrene	19.76	202	878579	42.94	ng		99
80) Butylbenzylphthalate	20.65	149	353176	39.99	ng		96
81) Benzo(a)anthracene	21.59	228	859270	42.97	ng		99
83) Chrysene	21.65	228	826741	43.00	ng		99
84) Bis(2-ethylhexyl)phthalate	21.50	149	495729	40.83	ng		99
85) Di-n-octyl phthalate	22.68	149	821037	39.38	ng		98
86) Indeno(1,2,3-cd)pyrene	28.33	276	1071220	42.61	ng	#	95
88) Benzo(b)fluoranthene	23.76	252	894951	42.71	ng		99
89) Benzo(k)fluoranthene	23.82	252	856923	43.53	ng		99
90) Benzo(a)pyrene	24.60	252	809348	41.48	ng		99
91) Dibenzo(a,h)anthracene	28.39	278	892641	45.52	ng		98
92) Benzo(g,h,i)perylene	29.44	276	911700	46.49	ng		97

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

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