Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_G\DATA\BG010918\
Data File : BG031952.D
Acq On : 9 Jan 2018 18:56
Operator : SJ/JU
Sample : J1050-01MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EPE-105-1(90-92)MS

Quant Time: Jan 10 00:24:01 2018
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 05 15:31:34 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.78	152	56581	20.00	ng		0.00
21) Naphthalene-d8	11.67	136	237840	20.00	ng		0.00
38) Acenaphthene-d10	15.41	164	163728	20.00	ng		-0.01
63) Phenanthrene-d10	18.14	188	422244	20.00	ng		-0.02
75) Chrysene-d12	22.48	240	467977	20.00	ng		-0.04
86) Perylene-d12	26.21	264	495927	20.00	ng		-0.09
System Monitoring Compounds							
5) 2-Fluorophenol	6.21	112	406697	130.92	ng		0.00
7) Phenol-d6	7.89	99	516702	128.11	ng		0.00
23) Nitrobenzene-d5	9.98	82	283858	90.12	ng		0.00
41) 2,4,6-Tribromophenol	16.89	330	341926	136.87	ng		-0.01
44) 2-Fluorobiphenyl	14.04	172	938372	71.94	ng		-0.01
78) Terphenyl-d14	20.67	244	1591005	77.67	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.86	88	37462	32.532	ng	#	74
3) Pyridine	4.31	79	104938	34.092	ng	#	74
4) n-Nitrosodimethylamine	4.22	42	46878	37.741	ng	#	88
6) Aniline	8.07	93	72845	14.038	ng		93
8) 2-Chlorophenol	8.33	128	146619	40.688	ng	#	82
9) Benzaldehyde	7.88	77	25991	10.702	ng		89
10) Phenol	7.92	94	188957	46.404	ng		95
11) bis(2-Chloroethyl)ether	8.17	93	114473	33.850	ng	#	80
12) 1,3-Dichlorobenzene	8.67	146	163016	36.429	ng	#	94
13) 1,4-Dichlorobenzene	8.82	146	166791	36.488	ng		92
14) 1,2-Dichlorobenzene	9.15	146	157401	36.340	ng		97
15) Benzyl Alcohol	9.02	79	116396	38.443	ng		89
16) 2,2'-oxybis(1-Chloropropan	9.31	45	118918	43.181	ng		80
17) 2-Methylphenol	9.22	107	116982	40.151	ng		98
18) Hexachloroethane	9.91	117	51623	37.287	ng	#	83
19) n-Nitroso-di-n-propylamine	9.59	70	92760	33.676	ng	#	88
20) 3+4-Methylphenols	9.55	107	157335	37.995	ng		90
22) Acetophenone	9.62	105	203624	36.850	ng	#	86
24) Nitrobenzene	10.03	77	133819	41.223	ng	#	87
25) Isophorone	10.54	82	251781	37.134	ng	#	87
26) 2-Nitrophenol	10.75	139	86364	50.742	ng	#	80
27) 2,4-Dimethylphenol	10.78	122	145900	40.737	ng		89
28) bis(2-Chloroethoxy)methane	11.03	93	162095	35.628	ng	#	97
29) 2,4-Dichlorophenol	11.29	162	175032	41.629	ng		91
30) 1,2,4-Trichlorobenzene	11.52	180	188518	36.721	ng		97
31) Naphthalene	11.72	128	440707	36.716	ng		99
32) Benzoic acid	10.90	122	7716	9.413	ng	#	68
33) 4-Chloroaniline	11.81	127	76518	14.319	ng	#	89
34) Hexachlorobutadiene	11.98	225	128730	36.525	ng		94
35) Caprolactam	12.55	113	52641	41.304	ng	#	45
36) 4-Chloro-3-methylphenol	12.88	107	156136	40.208	ng	#	82
37) 2-Methylnaphthalene	13.28	142	364213	37.430	ng		95
39) 1,2,4,5-Tetrachlorobenzene	13.63	216	258076	37.422	ng	#	96
40) Hexachlorocyclopentadiene	13.61	237	285054	78.352	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.86	196	164429	41.354	ng		99
43) 2,4,5-Trichlorophenol	13.93	196	179261	40.682	ng	#	92
45) 1,1'-Biphenyl	14.25	154	513898	36.749	ng		95
46) 2-Chloronaphthalene	14.30	162	393309	36.874	ng		96
47) 2-Nitroaniline	14.49	65	86782	47.109	ng	#	68
48) Acenaphthylene	15.14	152	590700	34.616	ng		98
49) Dimethylphthalate	14.84	163	597891	41.452	ng		99
50) 2,6-Dinitrotoluene	14.97	165	122097	46.015	ng	#	64
51) Acenaphthene	15.48	154	404253	36.172	ng		99
52) 3-Nitroaniline	15.30	138	64491	24.912	ng	#	69
53) 2,4-Dinitrophenol	15.50	184	56984	53.362	ng	#	58
54) Dibenzofuran	15.80	168	624408	36.448	ng		99
55) 4-Nitrophenol	15.58	139	185537	88.057	ng	#	73
56) 2,4-Dinitrotoluene	15.74	165	168703	49.445	ng	#	66
57) Fluorene	16.45	166	504686	36.264	ng		97
58) 2,3,4,6-Tetrachlorophenol	16.01	232	189134	43.994	ng	#	85
59) Diethylphthalate	16.18	149	508304	36.157	ng		96
60) 4-Chlorophenyl-phenylether	16.43	204	308303	36.206	ng		93
61) 4-Nitroaniline	16.45	138	103571	40.998	ng		81
62) Azobenzene	16.72	77	332080	36.833	ng		83
64) 4,6-Dinitro-2-methylphenol	16.50	198	81078	40.946	ng	#	67
65) n-Nitrosodiphenylamine	16.64	169	475506	33.907	ng		98
66) 4-Bromophenyl-phenylether	17.32	248	227435	37.248	ng		94
67) Hexachlorobenzene	17.45	284	230752	36.969	ng	#	91
68) Atrazine	17.56	200	212551	38.979	ng		97
69) Pentachlorophenol	17.78	266	301417	70.207	ng		99
70) Phenanthrene	18.19	178	850469	35.591	ng		99
71) Anthracene	18.28	178	876413	36.358	ng		99
72) Carbazole	18.53	167	775567	36.352	ng		99
73) Di-n-butylphthalate	19.04	149	837323	35.315	ng		99
74) Fluoranthene	20.14	202	1065656	36.345	ng		97
76) Benzidine	20.30	184	230531	15.960	ng		97
77) Pyrene	20.50	202	1071488	35.844	ng		97
79) Butylbenzylphthalate	21.37	149	369447	36.816	ng	#	75
80) Benzo(a)anthracene	22.47	228	1060870	35.637	ng		100
81) 3,3'-Dichlorobenzidine	22.35	252	232397	20.135	ng	#	96
82) Chrysene	22.54	228	999916	35.501	ng		97
83) Bis(2-ethylhexyl)phthalate	22.31	149	507187	34.886	ng	#	98
84) Di-n-octyl phthalate	23.70	149	851887	34.792	ng	#	87
85) Indeno(1,2,3-cd)pyrene	30.53	276	1265704	35.028	ng	#	89
87) Benzo(b)fluoranthene	25.02	252	1089611	35.395	ng	#	96
88) Benzo(k)fluoranthene	25.09	252	1080378	35.068	ng	#	97
89) Benzo(a)pyrene	26.03	252	1051861	35.677	ng	#	97
90) Dibenzo(a,h)anthracene	30.61	278	1052636	34.570	ng	#	98
91) Benzo(g,h,i)perylene	30.53	276	1265704	35.207	ng	#	93

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

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