Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_G\DATA\BG010318\
Data File : BG031903.D
Acq On : 3 Jan 2018 23:30
Operator : SJ/JU
Sample : J1005-01MS
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OWS-1MS

Quant Time: Jan 04 07:32:18 2018
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 29 15:51:46 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.78	152	45084	20.00	ng		0.00
21) Naphthalene-d8	11.67	136	200697	20.00	ng		0.00
38) Acenaphthene-d10	15.42	164	149411	20.00	ng		0.00
63) Phenanthrene-d10	18.15	188	377108	20.00	ng		0.00
75) Chrysene-d12	22.49	240	434569	20.00	ng		-0.01
86) Perylene-d12	26.22	264	463358	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	6.21	112	355183	143.49	ng		0.00
7) Phenol-d6	7.89	99	451748	140.57	ng		0.00
23) Nitrobenzene-d5	9.98	82	282477	106.28	ng		0.00
41) 2,4,6-Tribromophenol	16.89	330	362684	159.09	ng		0.00
44) 2-Fluorobiphenyl	14.05	172	1033116	86.79	ng		0.00
78) Terphenyl-d14	20.68	244	1869014	98.26	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.87	88	26543	28.928	ng	#	76
3) Pyridine	4.33	79	68300	27.848	ng	#	77
4) n-Nitrosodimethylamine	4.22	42	35761	36.133	ng	#	85
6) Aniline	8.07	93	31103	7.522	ng	#	89
8) 2-Chlorophenol	8.33	128	124446	43.342	ng	#	82
9) Benzaldehyde	7.89	77	29286	15.134	ng	#	75
10) Phenol	7.92	94	132610	40.872	ng		93
11) bis(2-Chloroethyl)ether	8.17	93	95043	35.272	ng	#	81
12) 1,3-Dichlorobenzene	8.67	146	125329	35.150	ng	#	93
13) 1,4-Dichlorobenzene	8.83	146	128630	35.315	ng		92
14) 1,2-Dichlorobenzene	9.16	146	127673	36.993	ng		93
15) Benzyl Alcohol	9.02	79	112210	46.512	ng		93
16) 2,2'-oxybis(1-Chloropropan	9.31	45	96464	43.960	ng		82
17) 2-Methylphenol	9.22	107	104018	44.806	ng		96
18) Hexachloroethane	9.91	117	40851	37.031	ng	#	81
19) n-Nitroso-di-n-propylamine	9.60	70	80239	36.559	ng	#	84
20) 3+4-Methylphenols	9.55	107	147519	44.710	ng		95
22) Acetophenone	9.63	105	180693	38.752	ng	#	86
24) Nitrobenzene	10.03	77	113957	41.602	ng	#	85
25) Isophorone	10.55	82	229503	40.112	ng	#	86
26) 2-Nitrophenol	10.75	139	72812	50.697	ng	#	80
27) 2,4-Dimethylphenol	10.79	122	146666	48.529	ng		91
28) bis(2-Chloroethoxy)methane	11.03	93	143692	37.429	ng		96
29) 2,4-Dichlorophenol	11.29	162	165658	46.691	ng		91
30) 1,2,4-Trichlorobenzene	11.52	180	155288	35.846	ng		97
31) Naphthalene	11.72	128	428050	42.261	ng		99
33) 4-Chloroaniline	11.81	127	23998	5.322	ng		93
34) Hexachlorobutadiene	11.99	225	102346	34.413	ng		98
35) Caprolactam	12.56	113	39853	37.057	ng	#	48
36) 4-Chloro-3-methylphenol	12.89	107	157565	48.085	ng	#	80
37) 2-Methylnaphthalene	13.28	142	322491	39.276	ng		91
39) 1,2,4,5-Tetrachlorobenzene	13.64	216	222639	35.377	ng	#	97
40) Hexachlorocyclopentadiene	13.61	237	192361	57.941	ng		92
42) 2,4,6-Trichlorophenol	13.86	196	159270	43.895	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	13.93	196	174402	43.372	ng	#	90
45) 1,1'-Biphenyl	14.25	154	480840	37.680	ng		96
46) 2-Chloronaphthalene	14.31	162	362235	37.215	ng		96
47) 2-Nitroaniline	14.50	65	85454	50.833	ng	#	65
48) Acenaphthylene	15.15	152	572606	36.771	ng		99
49) Dimethylphthalate	14.85	163	520979	39.580	ng		99
50) 2,6-Dinitrotoluene	14.97	165	115667	47.769	ng	#	67
51) Acenaphthene	15.48	154	361412	35.438	ng		99
52) 3-Nitroaniline	15.30	138	29270	12.390	ng	#	67
54) Dibenzofuran	15.81	168	610406	39.045	ng		97
55) 4-Nitrophenol	15.58	139	137822	71.679	ng	#	75
56) 2,4-Dinitrotoluene	15.75	165	165146	53.040	ng	#	62
57) Fluorene	16.45	166	495365	39.005	ng		98
58) 2,3,4,6-Tetrachlorophenol	16.02	232	148690	37.900	ng	#	84
59) Diethylphthalate	16.19	149	500620	39.022	ng		96
60) 4-Chlorophenyl-phenylether	16.43	204	294784	37.935	ng		92
61) 4-Nitroaniline	16.46	138	78412	34.013	ng		80
62) Azobenzene	16.72	77	322283	39.172	ng		83
64) 4,6-Dinitro-2-methylphenol	16.51	198	10864	13.203	ng	#	61
65) n-Nitrosodiphenylamine	16.64	169	470594	37.573	ng		97
66) 4-Bromophenyl-phenylether	17.32	248	215383	39.497	ng		95
67) Hexachlorobenzene	17.45	284	220486	39.552	ng	#	90
68) Atrazine	17.57	200	204533	41.998	ng		98
69) Pentachlorophenol	17.79	266	67843	17.694	ng		96
70) Phenanthrene	18.19	178	839875	39.354	ng		99
71) Anthracene	18.29	178	858129	39.861	ng		99
72) Carbazole	18.54	167	758513	39.808	ng		100
73) Di-n-butylphthalate	19.05	149	841491	39.739	ng		99
74) Fluoranthene	20.15	202	1066110	40.713	ng		96
76) Benzidine	20.31	184	88913	6.629	ng		99
77) Pyrene	20.51	202	1074222	38.698	ng		98
79) Butylbenzylphthalate	21.37	149	372628	39.988	ng	#	76
80) Benzo(a)anthracene	22.47	228	1086255	39.295	ng		99
81) 3,3'-Dichlorobenzidine	22.36	252	93035	8.680	ng	#	96
82) Chrysene	22.55	228	1015670	38.832	ng		98
83) Bis(2-ethylhexyl)phthalate	22.32	149	515181	38.160	ng	#	96
84) Di-n-octyl phthalate	23.71	149	877315	38.585	ng	#	87
85) Indeno(1,2,3-cd)pyrene	30.55	276	1373371	40.929	ng	#	86
87) Benzo(b)fluoranthene	25.02	252	1149155	39.953	ng	#	97
88) Benzo(k)fluoranthene	25.11	252	1115915	38.768	ng	#	97
89) Benzo(a)pyrene	26.05	252	1121611	40.717	ng	#	97
90) Dibenzo(a,h)anthracene	30.64	278	1139839	40.065	ng	#	96
91) Benzo(g,h,i)perylene	30.55	276	1373371	40.887	ng	#	94

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

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