Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG101517\
Data File : BG029266.D
Acq On : 15 Oct 2017 19:34
Operator : SJ/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02070

Quant Time: Oct 16 09:35:13 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Oct 16 09:33:08 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	119077	20.00	ng/ul	0.00
18) Naphthalene-d8	10.99	136	535683	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.79	164	311716	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.53	188	648668	20.00	ng/ul	0.00
75) Chrysene-d12	21.81	240	592653	20.00	ng/ul	0.00
83) Perylene-d12	25.12	264	588958	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.55	96	22824	7.79	ng/uL	0.00
5) Phenol-d5	7.33	99	237531	20.78	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.49	67	143348	20.04	ng/ul	0.00
9) 2-Chlorophenol-d4	7.70	132	172792	21.43	ng/ul	0.00
13) 4-Methylphenol-d8	8.88	113	192871	20.89	ng/ul	0.00
19) Nitrobenzene-d5	9.34	128	87219	22.68	ng/ul	0.00
22) 2-Nitrophenol-d4	10.06	143	93545	23.74	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.61	165	184583	20.56	ng/ul	0.00
29) 4-Chloroaniline-d4	11.12	131	229266	21.98	ng/ul	0.00
43) Dimethylphthalate-d6	14.19	166	509470	19.12	ng/ul	0.00
46) Acenaphthylene-d8	14.49	160	667991	20.61	ng/ul	0.00
51) 4-Nitrophenol-d4	14.98	143	99602	20.25	ng/ul	0.00
57) Fluorene-d10	15.78	176	451004	20.66	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.89	200	60775	19.19	ng/ul	0.00
70) Anthracene-d10	17.63	188	630823	20.56	ng/ul	0.00
76) Pyrene-d10	19.90	212	648115	21.13	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.89	264	577015	20.69	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.59	88	27182	7.609	ng/uL	87
4) Benzaldehyde	7.31	77	156866	22.213	ng/ul	97
6) Phenol	7.35	94	242189	20.480	ng/ul	90
8) Bis(2-Chloroethyl)ether	7.58	93	185861	20.646	ng/ul	91
10) 2-Chlorophenol	7.74	128	175553	21.301	ng/ul	97
11) 2-Methylphenol	8.61	108	178316	20.168	ng/ul	93
12) 2,2'-oxybis(1-Chloropropan	8.71	45	273069	20.697	ng/ul#	97
14) Acetophenone	8.99	105	282137	20.015	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.98	70	153938	19.706	ng/ul	94
16) 4-Methylphenol	8.94	108	202553	21.028	ng/ul	96
17) Hexachloroethane	9.26	117	69567	21.140	ng/ul	81
20) Nitrobenzene	9.38	77	217045	20.701	ng/ul#	91
21) Isophorone	9.90	82	416056	18.781	ng/ul#	97
23) 2-Nitrophenol	10.10	139	100218	22.920	ng/ul#	86
24) 2,4-Dimethylphenol	10.15	107	214008	20.127	ng/ul	90
25) Bis(2-Chloroethoxy)methane	10.38	93	256024	19.200	ng/ul	99
27) 2,4-Dichlorophenol	10.63	162	177392	20.632	ng/ul	94
28) Naphthalene	11.04	128	577274	20.366	ng/ul	99
30) 4-Chloroaniline	11.14	127	221261	21.675	ng/ul	92
31) Hexachlorobutadiene	11.33	225	95546	17.790	ng/ul	99
32) Caprolactam	11.90	113	68750	18.683	ng/ul	96
33) 4-Chloro-3-methylphenol	12.25	107	202176	20.041	ng/ul	97
34) 2-Methylnaphthalene	12.64	142	424261	18.082	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.00	216	194001	21.002	ng/ul	95
37) Hexachlorocyclopentadiene	12.98	237	65156	13.381	ng/ul	96
38) 2,4,6-Trichlorophenol	13.24	196	138097	21.579	ng/ul	100
39) 2,4,5-Trichlorophenol	13.31	196	147043	21.762	ng/ul	97
40) 1,1'-Biphenyl	13.63	154	527168	20.512	ng/ul	99
41) 2-Chloronaphthalene	13.68	162	408912	21.020	ng/ul	96
42) 2-Nitroaniline	13.87	65	138177	22.675	ng/ul	93
44) Dimethylphthalate	14.23	163	489788	18.843	ng/ul	99
45) 2,6-Dinitrotoluene	14.36	165	104919	23.076	ng/ul	95
47) Acenaphthylene	14.52	152	676880	20.473	ng/ul	97
48) 3-Nitroaniline	14.69	138	112728	22.883	ng/ul	89
49) Acenaphthene	14.86	153	463859	20.508	ng/ul	98
50) 2,4-Dinitrophenol	14.89	184	40259	16.544	ng/ul	92
52) 4-Nitrophenol	14.99	109	72236	19.457	ng/ul#	64
53) Dibenzofuran	15.19	168	617082	19.955	ng/ul	99
54) 2,4-Dinitrotoluene	15.15	165	143314	21.559	ng/ul	99
55) 2,3,4,6-Tetrachlorophenol	15.41	232	118142	19.883	ng/ul#	92
56) Diethylphthalate	15.59	149	505651	18.878	ng/ul	99
58) Fluorene	15.83	166	509976	20.673	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.82	204	227788	19.626	ng/ul	97
60) 4-Nitroaniline	15.84	138	125612	20.742	ng/ul	90
63) 4,6-Dinitro-2-methylphenol	15.91	198	64093	19.158	ng/ul	90
64) N-Nitrosodiphenylamine	16.03	169	424231	21.926	ng/ul	94
65) 4-Bromophenyl-phenylether	16.71	248	137956	21.081	ng/ul	94
66) Hexachlorobenzene	16.84	284	134442	20.079	ng/ul	90
67) Atrazine	16.97	200	154501	21.028	ng/ul	99
68) Pentachlorophenol	17.18	266	83025	20.813	ng/ul	95
69) Phenanthrene	17.57	178	734857	20.956	ng/ul	97
71) Anthracene	17.67	178	764466	21.130	ng/ul	99
72) Carbazole	17.93	167	707943	21.768	ng/ul	100
73) Di-n-butylphthalate	18.48	149	868736	22.232	ng/ul	99
74) Fluoranthene	19.57	202	833505	21.268	ng/ul#	90
77) Pyrene	19.93	202	846640	21.315	ng/ul#	88
78) Butylbenzylphthalate	20.80	149	386677	24.009	ng/ul	98
79) 3,3'-Dichlorobenzidine	21.69	252	242657	22.375	ng/ul	97
80) Benzo(a)anthracene	21.78	228	767643	20.668	ng/ul	97
81) Bis(2-ethylhexyl)phthalate	21.68	149	554250	23.748	ng/ul	100
82) Chrysene	21.86	228	703183	20.837	ng/ul	96
84) Di-n-octyl phthalate	22.92	149	955641	24.251	ng/ul	100
85) Benzo(b)fluoranthene	24.06	252	731681	20.694	ng/ul#	95
86) Benzo(k)fluoranthene	24.13	252	705327	20.633	ng/ul#	95
88) Benzo(a)pyrene	24.97	252	711105	20.662	ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	28.92	276	787132	20.215	ng/ul#	93
90) Dibenzo(a,h)anthracene	28.99	278	656052	20.282	ng/ul#	89
91) Benzo(g,h,i)perylene	30.11	276	595721	18.457	ng/ul#	89

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

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