Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG072517\
Data File : BG028027.D
Acq On : 25 Jul 2017 16:18
Operator : SJ/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02070

Quant Time: Jul 26 01:34:10 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG071717.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 26 01:32:03 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.37	152	44537	20.00	ng/ul	0.00
18) Naphthalene-d8	11.19	136	183593	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.97	164	126383	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.72	188	346848	20.00	ng/ul	0.00
75) Chrysene-d12	22.05	240	474732	20.00	ng/ul	0.00
83) Perylene-d12	25.57	264	462056	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.85	96	6085	7.53	ng/uL	0.00
5) Phenol-d5	7.51	99	63754	17.42	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.68	67	34178	16.20	ng/ul	0.00
9) 2-Chlorophenol-d4	7.90	132	57122	19.87	ng/ul	0.00
13) 4-Methylphenol-d8	9.06	113	54708	18.06	ng/ul	0.00
19) Nitrobenzene-d5	9.53	128	26158	19.36	ng/ul	0.00
22) 2-Nitrophenol-d4	10.26	143	31532	19.40	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.80	165	64895	20.41	ng/ul	0.00
29) 4-Chloroaniline-d4	11.32	131	70766	24.62	ng/ul	0.00
43) Dimethylphthalate-d6	14.36	166	218935	19.98	ng/ul	0.00
46) Acenaphthylene-d8	14.67	160	255197	20.49	ng/ul	0.00
51) 4-Nitrophenol-d4	15.16	143	30537	19.25	ng/ul	0.00
57) Fluorene-d10	15.96	176	214081	20.73	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.07	200	42985	17.84	ng/ul	0.00
70) Anthracene-d10	17.82	188	334202	19.98	ng/ul	0.00
76) Pyrene-d10	20.09	212	418989	19.65	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.33	264	439424	20.36	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.89	88	6709	6.846	ng/uL#	87
4) Benzaldehyde	7.51	77	40986	18.057	ng/ul	87
6) Phenol	7.54	94	62946	17.723	ng/ul	89
8) Bis(2-Chloroethyl)ether	7.78	93	45960	17.954	ng/ul#	85
10) 2-Chlorophenol	7.93	128	53701	20.089	ng/ul#	74
11) 2-Methylphenol	8.79	108	46288	17.748	ng/ul	94
12) 2,2'-oxybis(1-Chloropropan	8.89	45	65290	13.525	ng/ul	97
14) Acetophenone	9.19	105	78924	18.479	ng/ul#	79
15) N-Nitroso-di-n-propylamine	9.16	70	37114	16.948	ng/ul#	82
16) 4-Methylphenol	9.12	108	51656	18.074	ng/ul	97
17) Hexachloroethane	9.46	117	22070	20.501	ng/ul	88
20) Nitrobenzene	9.58	77	56674	18.147	ng/ul#	85
21) Isophorone	10.09	82	99959	17.573	ng/ul#	92
23) 2-Nitrophenol	10.30	139	31939	20.419	ng/ul#	62
24) 2,4-Dimethylphenol	10.33	107	63220	19.315	ng/ul#	89
25) Bis(2-Chloroethoxy)methane	10.57	93	61674	18.073	ng/ul#	91
27) 2,4-Dichlorophenol	10.83	162	63407	20.595	ng/ul#	87
28) Naphthalene	11.24	128	172724	19.853	ng/ul	98
30) 4-Chloroaniline	11.34	127	64979	24.425	ng/ul	96
31) Hexachlorobutadiene	11.51	225	56693	23.023	ng/ul	90
32) Caprolactam	12.09	113	17069	18.633	ng/ul#	72
33) 4-Chloro-3-methylphenol	12.44	107	57094	19.451	ng/ul	85
34) 2-Methylnaphthalene	12.82	142	143387	20.382	ng/ul	91

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.18	216	106361	22.375 ng/ul#	87
37) Hexachlorocyclopentadiene	13.15	237	45608	16.216 ng/ul	99
38) 2,4,6-Trichlorophenol	13.41	196	59372	20.705 ng/ul	92
39) 2,4,5-Trichlorophenol	13.49	196	65281	21.185 ng/ul	95
40) 1,1'-Biphenyl	13.81	154	190896	19.765 ng/ul#	98
41) 2-Chloronaphthalene	13.86	162	156813	20.539 ng/ul	93
42) 2-Nitroaniline	14.06	65	37781	17.315 ng/ul#	74
44) Dimethylphthalate	14.41	163	200726	20.119 ng/ul	99
45) 2,6-Dinitrotoluene	14.54	165	41007	20.319 ng/ul#	79
47) Acenaphthylene	14.70	152	248694	20.327 ng/ul	96
48) 3-Nitroaniline	14.87	138	36826	20.993 ng/ul#	76
49) Acenaphthene	15.04	153	163518	19.754 ng/ul	94
50) 2,4-Dinitrophenol	15.08	184	18465	15.885 ng/ul#	71
52) 4-Nitrophenol	15.17	109	25423	19.887 ng/ul#	80
53) Dibenzofuran	15.37	168	252656	20.643 ng/ul	87
54) 2,4-Dinitrotoluene	15.33	165	62213	21.148 ng/ul#	69
55) 2,3,4,6-Tetrachlorophenol	15.59	232	63449	21.609 ng/ul#	88
56) Diethylphthalate	15.77	149	203046	19.517 ng/ul#	94
58) Fluorene	16.02	166	213614	20.301 ng/ul	100
59) 4-Chlorophenyl-phenylether	16.00	204	125149	21.450 ng/ul#	74
60) 4-Nitroaniline	16.04	138	40598	19.502 ng/ul#	68
63) 4,6-Dinitro-2-methylphenol	16.09	198	41870	18.178 ng/ul#	83
64) N-Nitrosodiphenylamine	16.21	169	177456	18.982 ng/ul	93
65) 4-Bromophenyl-phenylether	16.90	248	88477	20.932 ng/ul	88
66) Hexachlorobenzene	17.03	284	98328	22.126 ng/ul#	91
67) Atrazine	17.15	200	82865	20.145 ng/ul	96
68) Pentachlorophenol	17.37	266	43827	18.153 ng/ul	96
69) Phenanthrene	17.77	178	348715	19.616 ng/ul	99
71) Anthracene	17.85	178	363361	19.941 ng/ul	99
72) Carbazole	18.12	167	302817	20.156 ng/ul	97
73) Di-n-butylphthalate	18.65	149	332930	20.211 ng/ul#	96
74) Fluoranthene	19.76	202	470212	21.608 ng/ul#	94
77) Pyrene	20.12	202	495140	19.686 ng/ul#	94
78) Butylbenzylphthalate	20.99	149	151755	18.820 ng/ul#	79
79) 3,3'-Dichlorobenzidine	21.94	252	168487	21.830 ng/ul	95
80) Benzo(a)anthracene	22.04	228	526299	20.494 ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.90	149	217183	18.902 ng/ul#	95
82) Chrysene	22.11	228	472714	20.224 ng/ul	98
84) Di-n-octyl phthalate	23.21	149	375597	17.527 ng/ul	100
85) Benzo(b)fluoranthene	24.45	252	527581	20.009 ng/ul	99
86) Benzo(k)fluoranthene	24.52	252	524570	20.283 ng/ul	97
88) Benzo(a)pyrene	25.40	252	518037	20.333 ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	29.60	276	610530	21.131 ng/ul	96
90) Dibenzo(a,h)anthracene	29.67	278	514860	21.229 ng/ul	97
91) Benzo(g,h,i)perylene	30.87	276	494583	20.749 ng/ul	97

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

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