Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG082417\
Data File : BG028456.D
Acq On : 24 Aug 2017 11:27
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02083

Quant Time: Aug 25 00:58:08 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 24 01:29:02 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.34	152	38322	20.00	ng/ul	0.00
18) Naphthalene-d8	11.16	136	161721	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.95	164	120897	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.70	188	312669	20.00	ng/ul	0.00
75) Chrysene-d12	22.03	240	372017	20.00	ng/ul	0.00
83) Perylene-d12	25.54	264	361834	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.81	96	5797	7.04	ng/uL	-0.01
5) Phenol-d5	7.49	99	70577	16.77	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.65	67	43339	16.26	ng/ul	0.00
9) 2-Chlorophenol-d4	7.87	132	50968	19.20	ng/ul	0.00
13) 4-Methylphenol-d8	9.04	113	59011	16.78	ng/ul	0.00
19) Nitrobenzene-d5	9.51	128	26397	20.87	ng/ul	0.00
22) 2-Nitrophenol-d4	10.24	143	30333	21.88	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.78	165	61629	21.48	ng/ul	0.00
29) 4-Chloroaniline-d4	11.29	131	70465	22.07	ng/ul	0.00
43) Dimethylphthalate-d6	14.34	166	218943	20.36	ng/ul	0.00
46) Acenaphthylene-d8	14.64	160	233908	19.29	ng/ul	0.00
51) 4-Nitrophenol-d4	15.15	143	32235	18.85	ng/ul	0.00
57) Fluorene-d10	15.94	176	187303	19.42	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.07	200	37800	18.61	ng/ul	0.00
70) Anthracene-d10	17.80	188	299985	20.01	ng/ul	0.00
76) Pyrene-d10	20.07	212	336771	17.65	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.29	264	336582	19.87	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.86	88	7255	8.394	ng/uL#	80
4) Benzaldehyde	7.48	77	45884	18.865	ng/ul	92
6) Phenol	7.52	94	67939	16.242	ng/ul	92
8) Bis(2-Chloroethyl)ether	7.75	93	48689	17.088	ng/ul	94
10) 2-Chlorophenol	7.90	128	48026	18.562	ng/ul	96
11) 2-Methylphenol	8.77	108	48620	16.467	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.86	45	98049	14.176	ng/ul	97
14) Acetophenone	9.16	105	84092	16.762	ng/ul#	91
15) N-Nitroso-di-n-propylamine	9.13	70	48092	16.867	ng/ul#	89
16) 4-Methylphenol	9.10	108	54391	16.315	ng/ul	91
17) Hexachloroethane	9.43	117	19567	18.250	ng/ul	90
20) Nitrobenzene	9.55	77	69029	18.857	ng/ul#	95
21) Isophorone	10.07	82	135881	19.538	ng/ul	98
23) 2-Nitrophenol	10.27	139	28056	20.044	ng/ul	88
24) 2,4-Dimethylphenol	10.31	107	70131	20.158	ng/ul	91
25) Bis(2-Chloroethoxy)methane	10.54	93	73413	19.379	ng/ul	95
27) 2,4-Dichlorophenol	10.80	162	52971	20.284	ng/ul	89
28) Naphthalene	11.21	128	158042	19.731	ng/ul	97
30) 4-Chloroaniline	11.32	127	66529	21.493	ng/ul	94
31) Hexachlorobutadiene	11.48	225	42402	21.997	ng/ul	96
32) Caprolactam	12.07	113	25005	23.026	ng/ul	96
33) 4-Chloro-3-methylphenol	12.42	107	68043	20.413	ng/ul	94
34) 2-Methylnaphthalene	12.79	142	126136	19.606	ng/ul	93

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.16	216	78203	20.068 ng/ul#	89
37) Hexachlorocyclopentadiene	13.13	237	33615	15.633 ng/ul#	96
38) 2,4,6-Trichlorophenol	13.39	196	54954	22.626 ng/ul	93
39) 2,4,5-Trichlorophenol	13.47	196	58992	22.284 ng/ul	91
40) 1,1'-Biphenyl	13.78	154	170349	19.293 ng/ul	99
41) 2-Chloronaphthalene	13.83	162	133006	19.061 ng/ul	96
42) 2-Nitroaniline	14.03	65	56210	19.213 ng/ul	94
44) Dimethylphthalate	14.38	163	199006	20.100 ng/ul	98
45) 2,6-Dinitrotoluene	14.52	165	43395	21.228 ng/ul#	91
47) Acenaphthylene	14.67	152	221046	19.079 ng/ul	98
48) 3-Nitroaniline	14.85	138	39684	21.559 ng/ul#	99
49) Acenaphthene	15.01	153	148012	18.934 ng/ul	97
50) 2,4-Dinitrophenol	15.07	184	17732	15.395 ng/ul	94
52) 4-Nitrophenol	15.17	109	32951	18.601 ng/ul#	86
53) Dibenzofuran	15.34	168	221543	19.438 ng/ul	98
54) 2,4-Dinitrotoluene	15.31	165	61435	19.831 ng/ul	89
55) 2,3,4,6-Tetrachlorophenol	15.57	232	57184	23.193 ng/ul#	96
56) Diethylphthalate	15.74	149	222138	19.125 ng/ul	99
58) Fluorene	15.99	166	191814	19.009 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.98	204	103944	19.200 ng/ul#	85
60) 4-Nitroaniline	16.02	138	43973	20.136 ng/ul#	76
63) 4,6-Dinitro-2-methylphenol	16.08	198	39029	18.950 ng/ul#	96
64) N-Nitrosodiphenylamine	16.19	169	163774	19.910 ng/ul	96
65) 4-Bromophenyl-phenylether	16.87	248	73242	21.795 ng/ul	97
66) Hexachlorobenzene	17.01	284	77584	21.687 ng/ul	97
67) Atrazine	17.13	200	76528	21.339 ng/ul	99
68) Pentachlorophenol	17.35	266	36088	19.915 ng/ul	90
69) Phenanthrene	17.74	178	306853	19.501 ng/ul	98
71) Anthracene	17.83	178	322018	20.023 ng/ul	99
72) Carbazole	18.10	167	277668	19.853 ng/ul	99
73) Di-n-butylphthalate	18.63	149	351797	20.206 ng/ul#	97
74) Fluoranthene	19.74	202	377014	19.715 ng/ul	99
77) Pyrene	20.10	202	393937	17.749 ng/ul	98
78) Butylbenzylphthalate	20.97	149	158840	19.103 ng/ul	91
79) 3,3'-Dichlorobenzidine	21.91	252	149858	20.879 ng/ul	98
80) Benzo(a)anthracene	22.01	228	410527	19.099 ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.86	149	228181	19.296 ng/ul	94
82) Chrysene	22.08	228	373324	19.285 ng/ul	97
84) Di-n-octyl phthalate	23.16	149	388044	17.895 ng/ul	100
85) Benzo(b)fluoranthene	24.41	252	416911	19.255 ng/ul	99
86) Benzo(k)fluoranthene	24.49	252	411231	19.443 ng/ul	96
88) Benzo(a)pyrene	25.37	252	402377	19.193 ng/ul	100
89) Indeno(1,2,3-cd)pyrene	29.57	276	480372	19.567 ng/ul	96
90) Dibenzo(a,h)anthracene	29.63	278	405223	19.693 ng/ul	98
91) Benzo(g,h,i)perylene	30.83	276	391785	19.398 ng/ul	98

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

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