Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG111816\
Data File : BG024827.D
Acq On : 18 Nov 2016 16:30
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD02017

Quant Time: Nov 19 00:03:11 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG111416.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Nov 18 00:29:39 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.26	152	103337	20.00	ng/ul	0.00
18) Naphthalene-d8	11.09	136	454385	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.88	164	385243	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.62	188	797112	20.00	ng/ul	0.00
75) Chrysene-d12	21.92	240	961695	20.00	ng/ul	0.00
83) Perylene-d12	25.35	264	1005200	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.61	96	14725	7.38	ng/uL	0.00
5) Phenol-d5	7.40	99	181584	20.51	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.57	67	112575	20.21	ng/ul	0.00
9) 2-Chlorophenol-d4	7.79	132	132615	20.89	ng/ul	0.00
13) 4-Methylphenol-d8	8.96	113	150106	20.19	ng/ul	0.00
19) Nitrobenzene-d5	9.44	128	68975	20.05	ng/ul	0.00
22) 2-Nitrophenol-d4	10.16	143	86295	21.01	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.70	165	170868	20.90	ng/ul	0.00
29) 4-Chloroaniline-d4	11.23	131	196019	21.46	ng/ul	0.00
43) Dimethylphthalate-d6	14.27	166	545368	19.42	ng/ul	0.00
46) Acenaphthylene-d8	14.58	160	632439	20.66	ng/ul	0.00
51) 4-Nitrophenol-d4	15.06	143	90097	18.02	ng/ul	0.00
57) Fluorene-d10	15.86	176	520285	19.68	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.98	200	102131	18.64	ng/ul	0.00
70) Anthracene-d10	17.72	188	759751	21.58	ng/ul	0.00
76) Pyrene-d10	19.99	212	885132	21.23	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.11	264	925296	21.03	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.66	88	18360	7.35	ng/uL#	72
4) Benzaldehyde	7.40	77	136944	24.01	ng/ul#	86
6) Phenol	7.43	94	185786	20.09	ng/ul	94
8) Bis(2-Chloroethyl)ether	7.67	93	133210	20.24	ng/ul	89
10) 2-Chlorophenol	7.82	128	127463	20.76	ng/ul	96
11) 2-Methylphenol	8.69	108	137534	20.30	ng/ul	91
12) 2,2'-oxybis(1-Chloropropan	8.79	45	242964	21.74	ng/ul	99
14) Acetophenone	9.09	105	231181	20.65	ng/ul#	92
15) N-Nitroso-di-n-propylamine	9.06	70	135831	21.35	ng/ul#	90
16) 4-Methylphenol	9.02	108	151042	20.61	ng/ul	91
17) Hexachloroethane	9.35	117	59562	21.19	ng/ul	89
20) Nitrobenzene	9.48	77	204729	20.04	ng/ul	99
21) Isophorone	9.99	82	375944	19.73	ng/ul	98
23) 2-Nitrophenol	10.19	139	86668	20.89	ng/ul	94
24) 2,4-Dimethylphenol	10.23	107	202781	20.58	ng/ul	98
25) Bis(2-Chloroethoxy)methane	10.48	93	199253	19.92	ng/ul	97
27) 2,4-Dichlorophenol	10.73	162	160335	20.47	ng/ul	89
28) Naphthalene	11.14	128	454428	20.85	ng/ul	97
30) 4-Chloroaniline	11.25	127	193334	21.95	ng/ul#	87
31) Hexachlorobutadiene	11.40	225	144058	20.95	ng/ul	95
32) Caprolactam	12.00	113	55704	18.04	ng/ul	84
33) 4-Chloro-3-methylphenol	12.34	107	199047	20.98	ng/ul	96
34) 2-Methylnaphthalene	12.73	142	363319	21.18	ng/ul	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.08	216	268222	21.46	ng/ul	97
37) Hexachlorocyclopentadiene	13.06	237	149248	18.53	ng/ul#	98
38) 2,4,6-Trichlorophenol	13.32	196	160905	21.16	ng/ul	98
39) 2,4,5-Trichlorophenol	13.40	196	175685	21.26	ng/ul	95
40) 1,1'-Biphenyl	13.72	154	503772	20.32	ng/ul	98
41) 2-Chloronaphthalene	13.77	162	413599	21.47	ng/ul	97
42) 2-Nitroaniline	13.97	65	150061	19.64	ng/ul	96
44) Dimethylphthalate	14.32	163	527936	19.59	ng/ul#	96
45) 2,6-Dinitrotoluene	14.45	165	113437	20.03	ng/ul	98
47) Acenaphthylene	14.61	152	612917	20.69	ng/ul	97
48) 3-Nitroaniline	14.79	138	108692	20.77	ng/ul#	93
49) Acenaphthene	14.95	153	431332	20.56	ng/ul	99
50) 2,4-Dinitrophenol	14.99	184	65359	16.13	ng/ul#	83
52) 4-Nitrophenol	15.08	109	101866	17.02	ng/ul	86
53) Dibenzofuran	15.28	168	668385	20.83	ng/ul	97
54) 2,4-Dinitrotoluene	15.23	165	165229	19.29	ng/ul#	83
55) 2,3,4,6-Tetrachlorophenol	15.49	232	175664	20.43	ng/ul	95
56) Diethylphthalate	15.67	149	538076	18.79	ng/ul	94
58) Fluorene	15.92	166	522207	20.04	ng/ul	96
59) 4-Chlorophenyl-phenylether	15.90	204	289677	19.66	ng/ul	89
60) 4-Nitroaniline	15.95	138	107566	18.07	ng/ul	94
63) 4,6-Dinitro-2-methylphenol	15.99	198	108245	19.48	ng/ul#	97
64) N-Nitrosodiphenylamine	16.12	169	470092	21.83	ng/ul	97
65) 4-Bromophenyl-phenylether	16.80	248	212358	21.91	ng/ul	89
66) Hexachlorobenzene	16.92	284	234115	21.82	ng/ul#	92
67) Atrazine	17.06	200	202206	20.03	ng/ul	98
68) Pentachlorophenol	17.26	266	132054	20.85	ng/ul#	87
69) Phenanthrene	17.67	178	844949	21.26	ng/ul	98
71) Anthracene	17.76	178	883136	21.49	ng/ul	99
72) Carbazole	18.03	167	721268	21.39	ng/ul	99
73) Di-n-butylphthalate	18.55	149	865822	20.38	ng/ul	100
74) Fluoranthene	19.66	202	1024326	22.19	ng/ul	97
77) Pyrene	20.02	202	1032426	21.84	ng/ul	99
78) Butylbenzylphthalate	20.88	149	400643	20.71	ng/ul	96
79) 3,3'-Dichlorobenzidine	21.80	252	421149	22.77	ng/ul	99
80) Benzo(a)anthracene	21.90	228	1110247	21.21	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.76	149	554962	20.97	ng/ul#	96
82) Chrysene	21.97	228	1030586	21.00	ng/ul	97
84) Di-n-octyl phthalate	23.03	149	966454	22.71	ng/ul	100
85) Benzo(b)fluoranthene	24.25	252	1086961	20.53	ng/ul	97
86) Benzo(k)fluoranthene	24.32	252	1089276	21.65	ng/ul	99
88) Benzo(a)pyrene	25.19	252	1069183	20.86	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	29.30	276	1344797	20.99	ng/ul	98
90) Dibenzo(a,h)anthracene	29.36	278	1108543	20.76	ng/ul#	97
91) Benzo(g,h,i)perylene	30.53	276	1087793	20.61	ng/ul#	97

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

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