Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG011817\
Data File : BG025526.D
Acq On : 18 Jan 2017 11:54
Operator : UM/SJ
Sample : SSTD00505
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD00505

Quant Time: Jan 18 15:03:46 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011817.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 18 14:57:38 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	73849	20.00	ng/ul	0.00
18) Naphthalene-d8	11.00	136	332695	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.81	164	296878	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.56	188	724545	20.00	ng/ul	0.00
75) Chrysene-d12	21.85	240	966639	20.00	ng/ul	0.00
83) Perylene-d12	25.23	264	998855	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.52	96	3179	2.22	ng/uL	0.00
5) Phenol-d5	7.35	99	27185	4.27	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.50	67	17564	4.46	ng/ul	0.00
9) 2-Chlorophenol-d4	7.72	132	20926	4.70	ng/ul	0.00
13) 4-Methylphenol-d8	8.90	113	21859	4.11	ng/ul	0.00
19) Nitrobenzene-d5	9.36	128	10928	4.64	ng/ul	0.00
22) 2-Nitrophenol-d4	10.10	143	12677	4.32	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.65	165	25155	4.45	ng/ul	0.00
29) 4-Chloroaniline-d4	11.16	131	29481	5.31	ng/ul	0.01
43) Dimethylphthalate-d6	14.21	166	101348	4.96	ng/ul	0.00
46) Acenaphthylene-d8	14.51	160	108889	4.87	ng/ul	0.00
51) 4-Nitrophenol-d4	15.06	143	9088	2.59	ng/ul	0.02
57) Fluorene-d10	15.80	176	97169	5.06	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.95	200	17281	3.86	ng/ul	0.00
70) Anthracene-d10	17.66	188	153579	5.02	ng/ul	0.00
76) Pyrene-d10	19.93	212	195365	4.91	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.99	264	199459	4.93	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.55	88	3988	2.14	ng/uL#	83
4) Benzaldehyde	7.33	77	21390	4.46	ng/ul	91
6) Phenol	7.38	94	27750	4.24	ng/ul#	84
8) Bis(2-Chloroethyl)ether	7.60	93	23688	4.95	ng/ul#	93
10) 2-Chlorophenol	7.74	128	21178	4.73	ng/ul#	75
11) 2-Methylphenol	8.64	108	21995	4.57	ng/ul	80
12) 2,2'-oxybis(1-Chloropropan	8.71	45	42876	5.27	ng/ul	97
14) Acetophenone	9.02	105	38236	4.72	ng/ul	92
15) N-Nitroso-di-n-propylamine	8.98	70	23773	5.08	ng/ul#	81
16) 4-Methylphenol	8.98	108	23334	4.36	ng/ul	88
17) Hexachloroethane	9.26	117	10101	5.09	ng/ul	93
20) Nitrobenzene	9.41	77	32798	4.53	ng/ul#	89
21) Isophorone	9.92	82	68631	5.01	ng/ul#	93
23) 2-Nitrophenol	10.13	139	13946	4.68	ng/ul#	85
24) 2,4-Dimethylphenol	10.18	107	32817	4.82	ng/ul	99
25) Bis(2-Chloroethoxy)methane	10.40	93	33185	4.75	ng/ul	99
27) 2,4-Dichlorophenol	10.68	162	23759	4.33	ng/ul#	85
28) Naphthalene	11.06	128	73215	4.73	ng/ul	98
30) 4-Chloroaniline	11.19	127	29113	5.13	ng/ul	94
31) Hexachlorobutadiene	11.31	225	22962	4.87	ng/ul#	88
32) Caprolactam	11.93	113	1946	0.85	ng/ul#	41
33) 4-Chloro-3-methylphenol	12.31	107	26124	3.86	ng/ul	90
34) 2-Methylnaphthalene	12.66	142	60933	4.99	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.02	216	43080	4.81	ng/ul#	90
37) Hexachlorocyclopentadiene	12.97	237	7271	1.38	ng/ul#	94
38) 2,4,6-Trichlorophenol	13.27	196	24435	4.35	ng/ul	89
39) 2,4,5-Trichlorophenol	13.36	196	24988	4.06	ng/ul	96
40) 1,1'-Biphenyl	13.64	154	89923	5.00	ng/ul#	88
41) 2-Chloronaphthalene	13.70	162	69346	4.84	ng/ul	96
42) 2-Nitroaniline	13.93	65	27506	4.90	ng/ul#	69
44) Dimethylphthalate	14.25	163	101542	5.06	ng/ul#	94
45) 2,6-Dinitrotoluene	14.40	165	18811	4.36	ng/ul#	84
47) Acenaphthylene	14.54	152	103210	4.75	ng/ul#	96
48) 3-Nitroaniline	14.75	138	16178	4.33	ng/ul#	72
49) Acenaphthene	14.88	153	77126	5.18	ng/ul	95
50) 2,4-Dinitrophenol	14.99	184	5340	1.91	ng/ul#	56
52) 4-Nitrophenol	15.08	109	13463	3.19	ng/ul#	71
53) Dibenzofuran	15.21	168	123400	5.24	ng/ul	92
54) 2,4-Dinitrotoluene	15.20	165	30267	4.66	ng/ul#	89
55) 2,3,4,6-Tetrachlorophenol	15.45	232	25347	3.89	ng/ul#	80
56) Diethylphthalate	15.60	149	109736	5.16	ng/ul	99
58) Fluorene	15.86	166	99370	5.18	ng/ul	93
59) 4-Chlorophenyl-phenylether	15.83	204	53078	4.91	ng/ul	95
60) 4-Nitroaniline	15.91	138	17064	3.79	ng/ul	95
63) 4,6-Dinitro-2-methylphenol	15.96	198	18896	4.07	ng/ul#	83
64) N-Nitrosodiphenylamine	16.05	169	87649	4.70	ng/ul	96
65) 4-Bromophenyl-phenylether	16.73	248	41151	5.03	ng/ul	96
66) Hexachlorobenzene	16.86	284	46338	5.03	ng/ul	95
67) Atrazine	16.99	200	39797	4.49	ng/ul	94
68) Pentachlorophenol	17.23	266	13716	2.48	ng/ul#	77
69) Phenanthrene	17.60	178	176417	5.10	ng/ul	97
71) Anthracene	17.69	178	175273	4.93	ng/ul	99
72) Carbazole	17.97	167	151604	5.11	ng/ul	93
73) Di-n-butylphthalate	18.48	149	193378	5.16	ng/ul	98
74) Fluoranthene	19.60	202	234848	5.72	ng/ul	99
77) Pyrene	19.96	202	239875	5.16	ng/ul#	94
78) Butylbenzylphthalate	20.81	149	86980	4.78	ng/ul	97
79) 3,3'-Dichlorobenzidine	21.73	252	87980	5.22	ng/ul#	97
80) Benzo(a)anthracene	21.82	228	260969	5.20	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.67	149	122931	4.91	ng/ul	99
82) Chrysene	21.89	228	244127	5.20	ng/ul	98
84) Di-n-octyl phthalate	22.91	149	215253	5.31	ng/ul	100
85) Benzo(b)fluoranthene	24.14	252	249830	5.04	ng/ul	97
86) Benzo(k)fluoranthene	24.14	252	136993	2.91	ng/ul	99
88) Benzo(a)pyrene	25.06	252	235862	4.95	ng/ul#	98
89) Indeno(1,2,3-cd)pyrene	29.14	276	276354	4.67	ng/ul#	93
90) Dibenzo(a,h)anthracene	29.18	278	218645	4.38	ng/ul	93
91) Benzo(g,h,i)perylene	30.36	276	221955	4.49	ng/ul#	89

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

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