Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031616\
Data File : BG021429.D
Acq On : 16 Mar 2016 14:21
Operator : UM/SJ
Sample : SSTD16005
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD16005

Quant Time: Mar 16 15:23:13 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG031616.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Mar 16 15:21:43 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	9207	20.00	ng/ul	0.00
18) Naphthalene-d8	10.90	136	46053	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.70	164	29105	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.45	188	68432	20.00	ng/ul	0.00
78) Chrysene-d12	21.70	240	83937	20.00	ng/ul	0.00
86) Perylene-d12	24.94	264	78718	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.48	96	13325	67.89	ng/uL	0.00
5) Phenol-d5	7.31	99	147903	141.93	ng/ul	-0.02
7) Bis-(2-Chloroethyl)ether-d	7.42	67	80406	120.02	ng/ul	0.00
9) 2-Chlorophenol-d4	7.64	132	114615	161.09	ng/ul	0.00
13) 4-Methylphenol-d8	8.86	113	121768	144.54	ng/ul	0.00
19) Nitrobenzene-d5	9.27	128	58578	157.87	ng/ul	0.01
22) 2-Nitrophenol-d4	9.98	143	67091	164.64	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.56	165	123496	166.79	ng/ul	-0.01
29) 4-Chloroaniline-d4	11.05	131	121623	125.23	ng/ul	0.01
44) Dimethylphthalate-d6	14.11	166	368638	146.35	ng/ul	0.01
47) Acenaphthylene-d8	14.41	160	469105	152.83	ng/ul	0.01
52) 4-Nitrophenol-d4	15.02	143	80810	169.68	ng/ul	-0.04
58) Fluorene-d10	15.69	176	336211	151.89	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.84	200	78201	170.79	ng/ul	0.02
71) Anthracene-d10	17.55	188	513373	150.27	ng/ul	0.01
79) Pyrene-d10	19.82	212	583683	136.29	ng/ul	0.01
90) Benzo(a)pyrene-d12	24.74	264	573375	136.22	ng/ul	0.04
Target Compounds						Qvalue
2) 1,4-Dioxane	3.51	88	17044	64.55	ng/uL#	79
4) Benzaldehyde	7.23	77	66189	99.41	ng/ul	97
6) Phenol	7.34	94	153546	139.08	ng/ul	93
8) Bis(2-Chloroethyl)ether	7.51	93	104245	131.37	ng/ul	88
10) 2-Chlorophenol	7.68	128	116868	153.01	ng/ul	92
11) 2-Methylphenol	8.58	108	120064	145.23	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.62	45	122563	98.02	ng/ul#	87
14) Acetophenone	8.93	105	195347	140.32	ng/ul	92
15) N-Nitroso-di-n-propylamine	8.91	70	108428	121.21	ng/ul#	93
16) 4-Methylphenol	8.91	108	131858	141.41	ng/ul	86
17) Hexachloroethane	9.17	117	45261	136.63	ng/ul	89
20) Nitrobenzene	9.31	77	157539	132.04	ng/ul	96
21) Isophorone	9.84	82	296514	125.74	ng/ul	96
23) 2-Nitrophenol	10.02	139	72235	152.57	ng/ul	94
24) 2,4-Dimethylphenol	10.10	107	158499	143.41	ng/ul	95
25) Bis(2-Chloroethoxy)methane	10.30	93	152826	131.38	ng/ul	97
27) 2,4-Dichlorophenol	10.59	162	123204	158.22	ng/ul	98
28) Naphthalene	10.95	128	375945	145.58	ng/ul	99
30) 4-Chloroaniline	11.07	127	128181	121.66	ng/ul	98
31) Hexachlorobutadiene	11.22	225	84103	167.21	ng/ul	98
32) Caprolactam	11.87	113	23735	70.83	ng/ul#	75
33) 4-Chloro-3-methylphenol	12.25	107	148447	134.49	ng/ul	89
34) 2-Methylnaphthalene	12.54	142	285687	148.93	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.76	142	274035	150.37	ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.91	216	167818	174.74	ng/ul	93
38) Hexachlorocyclopentadiene	12.88	237	89157	159.95	ng/ul	91
39) 2,4,6-Trichlorophenol	13.17	196	107081	154.95	ng/ul	97
40) 2,4,5-Trichlorophenol	13.30	196	113554	147.91	ng/ul	93
41) 1,1'-Biphenyl	13.54	154	376417	154.17	ng/ul	97
42) 2-Chloronaphthalene	13.59	162	295988	155.95	ng/ul	98
43) 2-Nitroaniline	13.81	65	106065	117.40	ng/ul#	83
45) Dimethylphthalate	14.17	163	382475	142.13	ng/ul	99
46) 2,6-Dinitrotoluene	14.30	165	86771	154.01	ng/ul#	85
48) Acenaphthylene	14.44	152	467122	148.21	ng/ul	99
49) 3-Nitroaniline	14.63	138	67963	122.51	ng/ul	86
50) Acenaphthene	14.77	153	322326	147.45	ng/ul	95
51) 2,4-Dinitrophenol	14.84	184	53659	190.12	ng/ul#	82
53) 4-Nitrophenol	15.04	109	75438	130.45	ng/ul	89
54) Dibenzofuran	15.11	168	440485	146.25	ng/ul	99
55) 2,4-Dinitrotoluene	15.08	165	123138	145.48	ng/ul#	93
56) 2,3,4,6-Tetrachlorophenol	15.35	232	91537	136.44	ng/ul	93
57) Diethylphthalate	15.52	149	402348	136.02	ng/ul	99
59) Fluorene	15.75	166	384313	145.97	ng/ul	98
60) 4-Chlorophenyl-phenylether	15.74	204	206063	156.15	ng/ul	99
61) 4-Nitroaniline	15.82	138	79753	119.99	ng/ul	93
64) 4,6-Dinitro-2-methylphenol	15.85	198	82263	165.75	ng/ul#	95
65) N-Nitrosodiphenylamine	15.96	169	336812	148.48	ng/ul	99
66) 4-Bromophenyl-phenylether	16.63	248	131922	170.70	ng/ul	90
67) Hexachlorobenzene	16.75	284	138093	168.00	ng/ul#	90
68) Atrazine	16.90	200	129508	150.35	ng/ul	98
69) Pentachlorophenol	17.11	266	48288	104.41	ng/ul	96
70) Phenanthrene	17.49	178	592998	145.64	ng/ul	96
72) Anthracene	17.59	178	596099	143.83	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.51	216	164967	189.38	ng/uL	92
74) Pentachlorobenzene	15.02	250	167181	179.86	ng/uL	98
75) Carbazole	17.86	167	520290	145.24	ng/ul	99
76) Di-n-butylphthalate	18.39	149	676772	138.61	ng/ul	99
77) Fluoranthene	19.49	202	709680	150.97	ng/ul	95
80) Pyrene	19.85	202	728022	129.63	ng/ul#	95
81) Butylbenzylphthalate	20.72	149	331516	128.56	ng/ul#	90
82) 3,3'-Dichlorobenzidine	21.60	252	239209	129.58	ng/ul#	98
83) Benzo(a)anthracene	21.69	228	762985	139.24	ng/ul	97
84) Bis(2-ethylhexyl)phthalate	21.56	149	482560	125.72	ng/ul	94
85) Chrysene	21.76	228	714171	140.79	ng/ul	96
87) Di-n-octyl phthalate	22.78	149	820998	126.26	ng/ul	100
88) Benzo(b)fluoranthene	23.93	252	795256	147.68	ng/ul	99
89) Benzo(k)fluoranthene	24.00	252	763698	145.65	ng/ul	98
91) Benzo(a)pyrene	24.82	252	768521	145.34	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	28.68	276	895396	154.15	ng/ul	95
93) Dibenzo(a,h)anthracene	28.74	278	767550	155.55	ng/ul	97
94) Benzo(g,h,i)perylene	29.85	276	734617	153.36	ng/ul	98

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

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