Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG063016\
Data File : BG022726.D
Acq On : 30 Jun 2016 14:21
Operator : UM/SJ
Sample : SSTD04004
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD04004

Quant Time: Jun 30 15:24:47 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG063016.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 30 14:49:12 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	93110	20.00	ng/ul	0.00
18) Naphthalene-d8	10.99	136	446878	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.80	164	359478	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.56	188	908327	20.00	ng/ul	0.00
75) Chrysene-d12	21.86	240	1026971	20.00	ng/ul	0.00
83) Perylene-d12	25.22	264	1033619	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.54	96	30218	16.91	ng/uL	0.00
5) Phenol-d5	7.32	99	412165	48.99	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.48	67	229148	51.96	ng/ul	0.00
9) 2-Chlorophenol-d4	7.69	132	260845	37.09	ng/ul	0.00
13) 4-Methylphenol-d8	8.87	113	319869	44.83	ng/ul	0.00
19) Nitrobenzene-d5	9.33	128	139052	42.19	ng/ul	0.00
22) 2-Nitrophenol-d4	10.06	143	174069	48.76	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.61	165	358457	56.91	ng/ul	0.00
29) 4-Chloroaniline-d4	11.12	131	351656	51.27	ng/ul	0.00
43) Dimethylphthalate-d6	14.20	166	1170006	43.33	ng/ul	0.00
46) Acenaphthylene-d8	14.49	160	1303027	34.56	ng/ul	0.00
51) 4-Nitrophenol-d4	15.00	143	196288	42.22	ng/ul	0.00
57) Fluorene-d10	15.79	176	1091837	43.18	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.91	200	246828	51.99	ng/ul	0.00
70) Anthracene-d10	17.66	188	1619939	37.16	ng/ul	0.00
76) Pyrene-d10	19.94	212	1890775	32.65	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.99	264	1942499	40.50	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.58	88	33200	10.25	ng/uL#	78
4) Benzaldehyde	7.29	77	265207	57.20	ng/ul	85
6) Phenol	7.34	94	427268	50.43	ng/ul#	61
8) Bis(2-Chloroethyl)ether	7.57	93	285490	46.12	ng/ul	92
10) 2-Chlorophenol	7.72	128	266064	38.38	ng/ul#	83
11) 2-Methylphenol	8.60	108	312650	46.20	ng/ul	88
12) 2,2'-oxybis(1-Chloropropan	8.69	45	313918	42.45	ng/ul#	91
14) Acetophenone	8.98	105	522505	52.35	ng/ul#	82
15) N-Nitroso-di-n-propylamine	8.97	70	301182	58.46	ng/ul#	88
16) 4-Methylphenol	8.93	108	352739	48.35	ng/ul	96
17) Hexachloroethane	9.25	117	111644	40.41	ng/ul#	61
20) Nitrobenzene	9.37	77	431042	64.62	ng/ul#	85
21) Isophorone	9.89	82	800983	56.32	ng/ul#	91
23) 2-Nitrophenol	10.09	139	181459	48.62	ng/ul#	42
24) 2,4-Dimethylphenol	10.14	107	429827	59.68	ng/ul#	83
25) Bis(2-Chloroethoxy)methane	10.38	93	449349	55.05	ng/ul	98
27) 2,4-Dichlorophenol	10.63	162	350905	56.77	ng/ul	89
28) Naphthalene	11.03	128	883021	38.97	ng/ul	99
30) 4-Chloroaniline	11.14	127	353797	51.33	ng/ul	94
31) Hexachlorobutadiene	11.32	225	268169	73.59	ng/ul	97
32) Caprolactam	11.49	113	128	0.05	ng/ul	96
33) 4-Chloro-3-methylphenol	12.49	107	1510	0.23	ng/ul	90
34) 2-Methylnaphthalene	12.63	142	747510	46.15	ng/ul	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.00	216	521925	48.95	ng/ul	96
37) Hexachlorocyclopentadiene	12.97	237	333001	72.50	ng/ul#	95
38) 2,4,6-Trichlorophenol	13.24	196	372033	51.66	ng/ul	97
39) 2,4,5-Trichlorophenol	13.31	196	391565	51.24	ng/ul	98
40) 1,1'-Biphenyl	13.63	154	1038897	35.10	ng/ul	96
41) 2-Chloronaphthalene	13.68	162	847750	37.29	ng/ul	99
42) 2-Nitroaniline	13.88	65	346863	67.68	ng/ul#	68
44) Dimethylphthalate	14.25	163	1168652	43.07	ng/ul	99
45) 2,6-Dinitrotoluene	14.37	165	266245	45.75	ng/ul#	81
47) Acenaphthylene	14.52	152	1316374	34.27	ng/ul	99
48) 3-Nitroaniline	14.71	138	220776	39.59	ng/ul#	45
49) Acenaphthene	14.87	153	883475	33.30	ng/ul	96
50) 2,4-Dinitrophenol	14.91	184	153503	68.11	ng/ul#	68
52) 4-Nitrophenol	15.02	109	242672	92.56	ng/ul#	59
53) Dibenzofuran	15.20	168	1355138	41.31	ng/ul#	83
54) 2,4-Dinitrotoluene	15.16	165	388768	49.54	ng/ul#	74
55) 2,3,4,6-Tetrachlorophenol	15.42	232	425003	70.32	ng/ul	97
56) Diethylphthalate	15.61	149	1208016	42.91	ng/ul	93
58) Fluorene	15.85	166	1121562	40.50	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.84	204	659372	52.86	ng/ul	98
60) 4-Nitroaniline	15.88	138	256105	41.83	ng/ul#	34
63) 4,6-Dinitro-2-methylphenol	15.92	198	262079	53.34	ng/ul#	85
64) N-Nitrosodiphenylamine	16.05	169	1040355	36.23	ng/ul	95
65) 4-Bromophenyl-phenylether	16.74	248	483680	52.69	ng/ul	97
66) Hexachlorobenzene	16.86	284	508855	47.74	ng/ul	93
67) Atrazine	17.00	200	470147	47.53	ng/ul#	93
68) Pentachlorophenol	17.20	266	306394	55.22	ng/ul	88
69) Phenanthrene	17.60	178	1799181	35.61	ng/ul	94
71) Anthracene	17.70	178	1831442	35.79	ng/ul#	94
72) Carbazole	17.97	167	1530342	34.50	ng/ul	96
73) Di-n-butylphthalate	18.51	149	1815777	30.55	ng/ul#	92
74) Fluoranthene	19.61	202	2131495	41.28	ng/ul#	88
77) Pyrene	19.97	202	2161047	29.91	ng/ul#	86
78) Butylbenzylphthalate	21.23	149	960	0.03	ng/ul	94
79) 3,3'-Dichlorobenzidine	21.75	252	850080	44.05	ng/ul#	97
80) Benzo(a)anthracene	21.90	228	2108792	35.01	ng/ul	91
81) Bis(2-ethylhexyl)phthalate	21.72	149	1169171	23.99	ng/ul#	97
82) Chrysene	21.98	228	2751	0.05	ng/ul	97
84) Di-n-octyl phthalate	22.98	149	1965943	23.34	ng/ul	100
85) Benzo(b)fluoranthene	24.15	252	2477333	40.95	ng/ul#	91
86) Benzo(k)fluoranthene	24.22	252	2365882	40.19	ng/ul#	86
88) Benzo(a)pyrene	25.06	252	2355750	40.37	ng/ul#	90
89) Indeno(1,2,3-cd)pyrene	29.07	276	2113100	31.58	ng/ul#	81
90) Dibenzo(a,h)anthracene	29.15	278	2017259	36.02	ng/ul#	88
91) Benzo(g,h,i)perylene	30.28	276	1908231	35.60	ng/ul#	78

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

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