Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG080416\
Data File : BG023452.D
Acq On : 4 Aug 2016 15:08
Operator : UM/SJ
Sample : SSTD04004
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD04004

Quant Time: Aug 04 15:51:50 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG080416.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 04 15:23:03 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	104367	20.00	ng/ul	0.00
18) Naphthalene-d8	10.95	136	501984	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.78	164	387373	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.54	188	981629	20.00	ng/ul	0.00
75) Chrysene-d12	21.86	240	958714	20.00	ng/ul	0.00
83) Perylene-d12	25.24	264	938189	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.48	96	37382	16.20	ng/uL	0.00
5) Phenol-d5	7.27	99	432271	40.18	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.43	67	274643	38.51	ng/ul	0.00
9) 2-Chlorophenol-d4	7.65	132	287235	39.74	ng/ul	0.00
13) 4-Methylphenol-d8	8.84	113	337674	40.33	ng/ul	0.00
19) Nitrobenzene-d5	9.29	128	157887	39.32	ng/ul	0.00
22) 2-Nitrophenol-d4	10.02	143	185898	39.63	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.57	165	356491	40.44	ng/ul	0.00
29) 4-Chloroaniline-d4	11.09	131	441277	48.34	ng/ul	0.00
43) Dimethylphthalate-d6	14.18	166	1240510	38.52	ng/ul	0.00
46) Acenaphthylene-d8	14.48	160	1383610	37.80	ng/ul	0.00
51) 4-Nitrophenol-d4	14.99	143	218976	38.53	ng/ul	0.00
57) Fluorene-d10	15.78	176	1108417	38.06	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.90	200	260594	38.58	ng/ul	0.00
70) Anthracene-d10	17.65	188	1698297	36.96	ng/ul	0.00
76) Pyrene-d10	19.93	212	1877135	37.94	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.00	264	1703497	38.68	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.53	88	38617	15.64	ng/uL#	76
4) Benzaldehyde	7.25	77	276313	41.35	ng/ul	84
6) Phenol	7.30	94	445256	39.76	ng/ul#	73
8) Bis(2-Chloroethyl)ether	7.53	93	326012	38.73	ng/ul	92
10) 2-Chlorophenol	7.68	128	299078	40.27	ng/ul#	82
11) 2-Methylphenol	8.57	108	336074	40.63	ng/ul	92
12) 2,2'-oxybis(1-Chloropropan	8.65	45	446727	39.23	ng/ul	98
14) Acetophenone	8.95	105	547834	37.60	ng/ul#	79
15) N-Nitroso-di-n-propylamine	8.92	70	323017	33.60	ng/ul#	86
16) 4-Methylphenol	8.89	108	387544	42.09	ng/ul	97
17) Hexachloroethane	9.21	117	123744	35.21	ng/ul#	85
20) Nitrobenzene	9.34	77	462313	35.66	ng/ul#	85
21) Isophorone	9.86	82	883157	35.72	ng/ul	95
23) 2-Nitrophenol	10.06	139	201478	40.28	ng/ul#	63
24) 2,4-Dimethylphenol	10.11	107	435643	37.91	ng/ul	86
25) Bis(2-Chloroethoxy)methane	10.35	93	494273	36.16	ng/ul#	95
27) 2,4-Dichlorophenol	10.60	162	356129	40.81	ng/ul	99
28) Naphthalene	11.00	128	992275	39.31	ng/ul	99
30) 4-Chloroaniline	11.11	127	439762	46.62	ng/ul	98
31) Hexachlorobutadiene	11.28	225	219686	31.32	ng/ul	97
32) Caprolactam	11.88	113	103402	28.58	ng/ul#	36
33) 4-Chloro-3-methylphenol	12.24	107	456586	39.85	ng/ul	85
34) 2-Methylnaphthalene	12.61	142	814735	39.01	ng/ul	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.97	216	468332	36.24	ng/ul	99
37) Hexachlorocyclopentadiene	12.95	237	264138	31.42	ng/ul	95
38) 2,4,6-Trichlorophenol	13.21	196	335637	37.51	ng/ul	99
39) 2,4,5-Trichlorophenol	13.29	196	350719	38.42	ng/ul	99
40) 1,1'-Biphenyl	13.61	154	1091921	37.58	ng/ul	99
41) 2-Chloronaphthalene	13.66	162	853250	36.44	ng/ul	95
42) 2-Nitroaniline	13.86	65	377764	36.26	ng/ul#	65
44) Dimethylphthalate	14.23	163	1215088	37.24	ng/ul	100
45) 2,6-Dinitrotoluene	14.36	165	279831	39.52	ng/ul#	84
47) Acenaphthylene	14.50	152	1442621	38.91	ng/ul	97
48) 3-Nitroaniline	14.69	138	278630	46.08	ng/ul#	62
49) Acenaphthene	14.85	153	979717	39.10	ng/ul	97
50) 2,4-Dinitrophenol	15.10	184	2078	0.47	ng/ul	96
52) 4-Nitrophenol	15.01	109	220876	32.64	ng/ul#	76
53) Dibenzofuran	15.18	168	1418106	38.37	ng/ul#	87
54) 2,4-Dinitrotoluene	15.14	165	411840	38.19	ng/ul#	70
55) 2,3,4,6-Tetrachlorophenol	15.41	232	363114	39.37	ng/ul	98
56) Diethylphthalate	15.59	149	1247647	35.95	ng/ul#	92
58) Fluorene	15.83	166	1169229	38.36	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.82	204	604334	36.19	ng/ul	95
60) 4-Nitroaniline	15.86	138	306834	41.28	ng/ul#	61
63) 4,6-Dinitro-2-methylphenol	15.91	198	278439	38.99	ng/ul#	82
64) N-Nitrosodiphenylamine	16.04	169	1089273	38.41	ng/ul	98
65) 4-Bromophenyl-phenylether	16.72	248	446785	39.56	ng/ul	99
66) Hexachlorobenzene	16.84	284	479098	41.42	ng/ul	97
67) Atrazine	16.99	200	468743	38.75	ng/ul	98
68) Pentachlorophenol	17.19	266	275528	38.40	ng/ul	91
69) Phenanthrene	17.59	178	1924087	38.05	ng/ul	93
71) Anthracene	17.68	178	1988616	37.53	ng/ul#	95
72) Carbazole	17.95	167	1763406	42.30	ng/ul#	95
73) Di-n-butylphthalate	18.49	149	2022189	34.98	ng/ul#	91
74) Fluoranthene	19.60	202	2217452	41.75	ng/ul	97
77) Pyrene	19.96	202	2191509	37.60	ng/ul	98
78) Butylbenzylphthalate	20.84	149	925732	36.57	ng/ul#	83
79) 3,3'-Dichlorobenzidine	21.75	252	752748	39.36	ng/ul#	96
80) Benzo(a)anthracene	21.84	228	2082692	36.59	ng/ul	92
81) Bis(2-ethylhexyl)phthalate	21.72	149	1241458	35.90	ng/ul#	94
82) Chrysene	21.91	228	1906237	36.91	ng/ul#	93
84) Di-n-octyl phthalate	22.98	149	2046161	39.35	ng/ul	100
85) Benzo(b)fluoranthene	24.16	252	2103015	36.85	ng/ul#	94
86) Benzo(k)fluoranthene	24.23	252	2053940	37.97	ng/ul#	90
88) Benzo(a)pyrene	25.08	252	2034849	37.41	ng/ul#	95
89) Indeno(1,2,3-cd)pyrene	29.10	276	2418509	39.48	ng/ul#	88
90) Dibenzo(a,h)anthracene	29.17	278	2055399	40.74	ng/ul#	91
91) Benzo(g,h,i)perylene	30.31	276	1995481	39.42	ng/ul#	86

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

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