Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG030717\
Data File : BG026094.D
Acq On : 7 Mar 2017 13:30
Operator : SJ/MA
Sample : SSTD16008
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD16008

Quant Time: Mar 07 14:04:08 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM-EPA-BG030717MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Mar 07 12:37:31 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	137685	20.00	ng/ul	0.00
18) Naphthalene-d8	10.87	136	602197	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.67	164	399909	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.40	188	849248	20.00	ng/ul	0.00
77) Chrysene-d12	21.65	240	969682	20.00	ng/ul	0.01
85) Perylene-d12	24.84	264	994558	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.49	96	191359	62.09	ng/uL	0.00
5) Phenol-d5	7.23	99	1719826	132.58	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.39	67	1022015	129.09	ng/ul	0.00
9) 2-Chlorophenol-d4	7.60	132	1465946	149.88	ng/ul	0.00
13) 4-Methylphenol-d8	8.78	113	1396030	130.06	ng/ul	0.02
19) Nitrobenzene-d5	9.23	128	745193	192.73	ng/ul	0.01
22) 2-Nitrophenol-d4	9.95	143	789863	188.22	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.49	165	1450780	162.59	ng/ul	0.02
29) 4-Chloroaniline-d4	11.00	131	1503595	131.93	ng/ul	0.01
43) Dimethylphthalate-d6	14.08	166	3748222	127.89	ng/ul	0.01
46) Acenaphthylene-d8	14.37	160	4492854	133.25	ng/ul	0.01
51) 4-Nitrophenol-d4	14.88	143	928243	165.73	ng/ul	0.03
57) Fluorene-d10	15.66	176	3459851	133.77	ng/ul	0.01
62) 4,6-Dinitro-2-methylphenol	15.79	200	820520	189.38	ng/ul	0.03
70) Anthracene-d10	17.40	188	849248	22.04	ng/ul	-0.09
78) Pyrene-d10	19.78	212	5134190	111.03	ng/ul	0.02
89) Benzo(a)pyrene-d12	24.64	264	6508102	147.31	ng/ul	0.04
Target Compounds						Qvalue
2) 1,4-Dioxane	3.53	88	190858	58.81	ng/uL#	75
4) Benzaldehyde	7.20	77	683956	86.23	ng/ul	93
6) Phenol	7.26	94	1736112	128.08	ng/ul	95
8) Bis(2-Chloroethyl)ether	7.49	93	1348803	133.82	ng/ul#	86
10) 2-Chlorophenol	7.64	128	1380966	144.09	ng/ul#	89
11) 2-Methylphenol	8.51	108	1377555	132.49	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.60	45	1587585	112.00	ng/ul	95
14) Acetophenone	8.89	105	2034039	125.39	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.90	70	998036	122.89	ng/ul	94
16) 4-Methylphenol	8.85	108	1482238	127.44	ng/ul	97
17) Hexachloroethane	9.15	117	537472	155.84	ng/ul	90
20) Nitrobenzene	9.27	77	1445788	158.30	ng/ul	94
21) Isophorone	9.81	82	2775392	135.40	ng/ul	94
23) 2-Nitrophenol	9.98	139	814573	180.39	ng/ul#	93
24) 2,4-Dimethylphenol	10.04	107	1489665	146.01	ng/ul	90
25) Bis(2-Chloroethoxy)methane	10.27	93	1769823	140.40	ng/ul	96
27) 2,4-Dichlorophenol	10.52	162	1378960	157.49	ng/ul	98
28) Naphthalene	10.92	128	4012132	135.27	ng/ul#	90
30) 4-Chloroaniline	11.02	127	1427644	129.78	ng/ul	96
31) Hexachlorobutadiene	11.21	225	871073	173.88	ng/ul	98
32) Caprolactam	11.82	113	315497	89.11	ng/ul#	74
33) 4-Chloro-3-methylphenol	12.14	107	1409956	138.93	ng/ul	87
34) 2-Methylnaphthalene	12.51	142	3102754	133.13	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.89	216	1604599	164.52 ng/ul	97
37) Hexachlorocyclopentadiene	12.87	237	1011195	177.36 ng/ul	99
38) 2,4,6-Trichlorophenol	13.11	196	1079476	169.21 ng/ul	97
39) 2,4,5-Trichlorophenol	13.19	196	1160389	163.86 ng/ul	96
40) 1,1'-Biphenyl	13.51	154	3710277	129.82 ng/ul#	85
41) 2-Chloronaphthalene	13.56	162	2968401	143.22 ng/ul	95
42) 2-Nitroaniline	13.76	65	959858	167.09 ng/ul	98
44) Dimethylphthalate	14.13	163	3551795	125.47 ng/ul#	92
45) 2,6-Dinitrotoluene	14.25	165	962028	195.45 ng/ul	90
47) Acenaphthylene	14.40	152	4252153	123.43 ng/ul#	80
48) 3-Nitroaniline	14.58	138	830240	149.10 ng/ul	92
49) Acenaphthene	14.74	153	3293592	134.37 ng/ul	95
50) 2,4-Dinitrophenol	14.78	184	560634	200.51 ng/ul#	86
52) 4-Nitrophenol	14.89	109	522297	156.53 ng/ul#	64
53) Dibenzofuran	15.07	168	4226157	122.15 ng/ul	91
54) 2,4-Dinitrotoluene	15.04	165	1375713	191.04 ng/ul	97
55) 2,3,4,6-Tetrachlorophenol	15.29	232	1068039	162.14 ng/ul	95
56) Diethylphthalate	15.49	149	3699426	125.87 ng/ul#	86
58) Fluorene	15.72	166	3582964	124.27 ng/ul#	96
59) 4-Chlorophenyl-phenylether	15.71	204	1873434	139.64 ng/ul	90
60) 4-Nitroaniline	15.75	138	979780	148.71 ng/ul#	80
63) 4,6-Dinitro-2-methylphenol	15.80	198	853545	183.75 ng/ul#	91
64) N-Nitrosodiphenylamine	15.92	169	3260960	132.91 ng/ul#	87
65) 4-Bromophenyl-phenylether	16.59	248	1326827	157.21 ng/ul#	89
66) Hexachlorobenzene	16.72	284	1420629	159.15 ng/ul	94
67) Atrazine	16.86	200	1351394	152.57 ng/ul	96
68) Pentachlorophenol	17.06	266	930454	165.09 ng/ul	97
69) Phenanthrene	17.45	178	5200244	113.78 ng/ul#	74
71) Anthracene	17.54	178	5047678	110.04 ng/ul#	68
72) 1,2,3,4-Tetrachlorobenzene	13.48	216	1550563	166.90 ng/uL	97
73) Pentachlorobenzene	14.99	250	1552285	159.27 ng/uL	97
74) Carbazole	17.80	167	5067927	122.73 ng/ul#	78
75) Di-n-butylphthalate	18.36	149	5160690	109.36 ng/ul#	81
76) Fluoranthene	19.45	202	5588981	117.73 ng/ul#	75
79) Pyrene	19.81	202	5395587	92.32 ng/ul#	69
80) Butylbenzylphthalate	20.68	149	3002012	138.81 ng/ul#	91
81) 3,3'-Dichlorobenzidine	21.55	252	2148058	123.04 ng/ul	97
82) Benzo(a)anthracene	21.63	228	6210280	113.86 ng/ul#	68
83) Bis(2-ethylhexyl)phthalate	21.53	149	4070817	126.26 ng/ul#	74
84) Chrysene	21.70	228	5898244	113.39 ng/ul#	67
86) Di-n-octyl phthalate	22.73	149	6661563	115.15 ng/ul#	88
87) Benzo(b)fluoranthene	23.84	252	7542385	130.48 ng/ul#	86
88) Benzo(k)fluoranthene	23.91	252	6982597	125.44 ng/ul#	81
90) Benzo(a)pyrene	24.72	252	7376300	133.28 ng/ul#	84
91) Indeno(1,2,3-cd)pyrene	28.52	276	10263472	157.09 ng/ul	94
92) Dibenzo(a,h)anthracene	28.60	278	7972866	147.62 ng/ul#	91
93) Benzo(g,h,i)perylene	29.68	276	8451286	156.01 ng/ul	96

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

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