Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG010417\
Data File : BG025426.D
Acq On : 4 Jan 2017 10:20
Operator : UM/SJ
Sample : SSTD00528
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTD00528

Quant Time: Jan 12 12:05:58 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG010417MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jan 12 12:00:59 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.21	152	71381	20.00	ng/ul	0.00
18) Naphthalene-d8	11.03	136	298381	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.83	164	232568	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.58	188	550382	20.00	ng/ul	0.00
77) Chrysene-d12	21.87	240	800739	20.00	ng/ul	0.00
85) Perylene-d12	25.28	264	863375	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.55	96	3026	2.00	ng/uL	0.00
5) Phenol-d5	7.37	99	27317	5.01	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.52	67	18064	5.67	ng/ul	0.00
9) 2-Chlorophenol-d4	7.74	132	19051	4.62	ng/ul	0.00
13) 4-Methylphenol-d8	8.93	113	19209	4.50	ng/ul	0.00
19) Nitrobenzene-d5	9.39	128	9409	4.36	ng/ul	0.00
22) 2-Nitrophenol-d4	10.12	143	9997	4.14	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.67	165	16761	3.78	ng/ul	0.00
29) 4-Chloroaniline-d4	11.18	131	23591	4.70	ng/ul	0.00
43) Dimethylphthalate-d6	14.23	166	80810	5.29	ng/ul	0.00
46) Acenaphthylene-d8	14.53	160	87926	4.81	ng/ul	0.00
51) 4-Nitrophenol-d4	15.07	143	5429	2.36	ng/ul	0.01
57) Fluorene-d10	15.82	176	79783	6.00	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.97	200	13254	4.12	ng/ul	0.00
70) Anthracene-d10	17.68	188	117877	4.90	ng/ul	0.00
78) Pyrene-d10	19.96	212	148758	4.77	ng/ul	0.00
89) Benzo(a)pyrene-d12	25.04	264	174163	4.80	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.59	88	2367	1.28	ng/uL#	28
4) Benzaldehyde	7.35	77	19044	5.20	ng/ul#	79
6) Phenol	7.41	94	25671	4.52	ng/ul#	73
8) Bis(2-Chloroethyl)ether	7.62	93	21404	4.96	ng/ul#	75
10) 2-Chlorophenol	7.78	128	20985	5.00	ng/ul#	75
11) 2-Methylphenol	8.66	108	20908	5.01	ng/ul	93
12) 2,2'-oxybis(1-Chloropropan	8.73	45	42742	8.78	ng/ul#	79
14) Acetophenone	9.04	105	36446	5.26	ng/ul#	89
15) N-Nitroso-di-n-propylamine	9.01	70	21376	6.02	ng/ul#	64
16) 4-Methylphenol	9.00	108	18328	4.07	ng/ul#	76
17) Hexachloroethane	9.29	117	9639	5.03	ng/ul#	84
20) Nitrobenzene	9.44	77	31796	5.65	ng/ul#	74
21) Isophorone	9.94	82	55984	5.60	ng/ul#	89
23) 2-Nitrophenol	10.16	139	12168	4.91	ng/ul#	71
24) 2,4-Dimethylphenol	10.20	107	26711	4.85	ng/ul	95
25) Bis(2-Chloroethoxy)methane	10.42	93	30021	5.18	ng/ul#	94
27) 2,4-Dichlorophenol	10.70	162	21081	4.77	ng/ul#	84
28) Naphthalene	11.08	128	65202	4.60	ng/ul#	96
30) 4-Chloroaniline	11.21	127	24586	4.85	ng/ul	93
31) Hexachlorobutadiene	11.34	225	21423	5.97	ng/ul#	84
32) Caprolactam	11.95	113	801	0.59	ng/ul	92
33) 4-Chloro-3-methylphenol	12.33	107	22918	4.81	ng/ul	91
34) 2-Methylnaphthalene	12.68	142	51223	5.03	ng/ul	94

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.03	216	39799	5.46 ng/ul#	96
37) Hexachlorocyclopentadiene	12.99	237	4660	1.66 ng/ul#	90
38) 2,4,6-Trichlorophenol	13.29	196	19117	4.54 ng/ul	97
39) 2,4,5-Trichlorophenol	13.29	196	19117	4.27 ng/ul	98
40) 1,1'-Biphenyl	13.66	154	73000	4.74 ng/ul	93
41) 2-Chloronaphthalene	13.72	162	59813	5.03 ng/ul#	87
42) 2-Nitroaniline	13.94	65	20816	5.84 ng/ul#	47
44) Dimethylphthalate	14.28	163	77225	5.16 ng/ul#	96
45) 2,6-Dinitrotoluene	14.42	165	15135	5.15 ng/ul#	77
47) Acenaphthylene	14.56	152	80984	4.37 ng/ul	97
48) 3-Nitroaniline	14.77	138	13452	4.67 ng/ul#	98
49) Acenaphthene	14.90	153	60947	4.78 ng/ul	94
50) 2,4-Dinitrophenol	15.01	184	2906	1.74 ng/ul	90
52) 4-Nitrophenol	15.09	109	3878	1.69 ng/ul#	60
53) Dibenzofuran	15.23	168	95069	5.16 ng/ul	100
54) 2,4-Dinitrotoluene	15.22	165	22168	5.10 ng/ul#	42
55) 2,3,4,6-Tetrachlorophenol	15.47	232	22625	5.40 ng/ul#	84
56) Diethylphthalate	15.62	149	82658	5.51 ng/ul	98
58) Fluorene	15.88	166	76731	5.09 ng/ul	90
59) 4-Chlorophenyl-phenylether	15.85	204	44983	5.57 ng/ul#	84
60) 4-Nitroaniline	15.93	138	12103	4.61 ng/ul	86
63) 4,6-Dinitro-2-methylphenol	15.98	198	10987	3.32 ng/ul#	87
64) N-Nitrosodiphenylamine	16.08	169	69089	4.57 ng/ul	97
65) 4-Bromophenyl-phenylether	16.75	248	31478	5.13 ng/ul#	81
66) Hexachlorobenzene	16.88	284	37468	5.47 ng/ul#	87
67) Atrazine	17.01	200	32791	5.34 ng/ul#	91
68) Pentachlorophenol	17.24	266	10862	2.90 ng/ul#	84
69) Phenanthrene	17.62	178	135209	4.76 ng/ul	97
71) Anthracene	17.72	178	130163	4.54 ng/ul	96
72) 1,2,3,4-Tetrachlorobenzene	13.64	216	39664	4.81 ng/uL	87
73) Pentachlorobenzene	15.14	250	40638	4.88 ng/uL	92
74) Carbazole	17.99	167	111359	4.44 ng/ul#	97
75) Di-n-butylphthalate	18.50	149	150254	5.22 ng/ul#	95
76) Fluoranthene	19.62	202	174669	5.08 ng/ul#	88
79) Pyrene	19.99	202	181437	4.55 ng/ul#	87
80) Butylbenzylphthalate	20.83	149	69490	4.72 ng/ul#	75
81) 3,3'-Dichlorobenzidine	21.76	252	75813	5.54 ng/ul#	96
82) Benzo(a)anthracene	21.85	228	210516	5.06 ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.70	149	104918	4.86 ng/ul#	94
84) Chrysene	21.92	228	198758	4.97 ng/ul	96
86) Di-n-octyl phthalate	22.95	149	176911	4.20 ng/ul#	90
87) Benzo(b)fluoranthene	24.19	252	207410	4.50 ng/ul#	92
88) Benzo(k)fluoranthene	24.26	252	204677	4.57 ng/ul#	94
90) Benzo(a)pyrene	25.11	252	205939	4.61 ng/ul#	89
91) Indeno(1,2,3-cd)pyrene	29.12	276	2489	0.05 ng/ul	96
92) Dibenzo(a,h)anthracene	29.25	278	186356	4.04 ng/ul#	87
93) Benzo(g,h,i)perylene	30.44	276	105965	2.32 ng/ul#	84

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

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