Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG113016\
Data File : BG024941.D
Acq On : 30 Nov 2016 10:09
Operator : UM/SJ
Sample : SSTD00505
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Time: Nov 30 12:49:40 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 30 12:45:47 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.25	152	73177	20.00	ng/ul	0.00
18) Naphthalene-d8	11.08	136	318891	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.86	164	279826	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.61	188	695732	20.00	ng/ul	0.00
75) Chrysene-d12	21.90	240	920417	20.00	ng/ul	0.00
83) Perylene-d12	25.31	264	948619	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.60	96	2852	1.85	ng/uL	0.00
5) Phenol-d5	7.39	99	28265	4.12	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.57	67	19636	4.74	ng/ul	0.00
9) 2-Chlorophenol-d4	7.77	132	21183	4.44	ng/ul	0.00
13) 4-Methylphenol-d8	8.94	113	25107	4.31	ng/ul	0.00
19) Nitrobenzene-d5	9.42	128	11009	4.38	ng/ul	0.00
22) 2-Nitrophenol-d4	10.14	143	14902	5.08	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.69	165	25713	4.34	ng/ul	0.00
29) 4-Chloroaniline-d4	11.21	131	25282	3.86	ng/ul	0.00
43) Dimethylphthalate-d6	14.25	166	94551	4.60	ng/ul	0.00
46) Acenaphthylene-d8	14.56	160	106015	4.68	ng/ul	0.00
51) 4-Nitrophenol-d4	15.05	143	14293	3.95	ng/ul	0.00
57) Fluorene-d10	15.85	176	92549	4.86	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.96	200	14278	2.89	ng/ul	0.00
70) Anthracene-d10	17.70	188	152012	4.80	ng/ul	0.00
76) Pyrene-d10	19.98	212	194394	4.74	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.07	264	183698	4.36	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.64	88	4294	2.35	ng/uL	96
4) Benzaldehyde	7.38	77	23362	5.38	ng/ul	90
6) Phenol	7.41	94	31660	4.54	ng/ul	95
8) Bis(2-Chloroethyl)ether	7.66	93	23662	4.77	ng/ul	98
10) 2-Chlorophenol	7.80	128	21437	4.61	ng/ul#	89
11) 2-Methylphenol	8.67	108	20449	3.97	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.77	45	39775	4.70	ng/ul#	93
14) Acetophenone	9.07	105	39674	4.69	ng/ul#	86
15) N-Nitroso-di-n-propylamine	9.04	70	22132	4.42	ng/ul#	90
16) 4-Methylphenol	9.01	108	25760	4.55	ng/ul	99
17) Hexachloroethane	9.34	117	8938	4.22	ng/ul#	72
20) Nitrobenzene	9.47	77	33860	4.61	ng/ul	91
21) Isophorone	9.98	82	65766	4.72	ng/ul#	92
23) 2-Nitrophenol	10.18	139	13301	4.28	ng/ul#	87
24) 2,4-Dimethylphenol	10.22	107	30507	4.25	ng/ul	88
25) Bis(2-Chloroethoxy)methane	10.46	93	32332	4.40	ng/ul	99
27) 2,4-Dichlorophenol	10.71	162	24533	4.23	ng/ul#	88
28) Naphthalene	11.13	128	75769	4.87	ng/ul#	92
30) 4-Chloroaniline	11.23	127	28137	4.39	ng/ul	89
31) Hexachlorobutadiene	11.39	225	22263	4.83	ng/ul	96
32) Caprolactam	11.99	113	10372	4.66	ng/ul#	66
33) 4-Chloro-3-methylphenol	12.33	107	31422	4.36	ng/ul#	80
34) 2-Methylnaphthalene	12.71	142	58501	4.61	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.07	216	41328	4.67	ng/ul#	85
37) Hexachlorocyclopentadiene	13.04	237	15884	2.93	ng/ul#	90
38) 2,4,6-Trichlorophenol	13.30	196	25432	4.49	ng/ul	88
39) 2,4,5-Trichlorophenol	13.38	196	27894	4.34	ng/ul	89
40) 1,1'-Biphenyl	13.70	154	83809	4.66	ng/ul	99
41) 2-Chloronaphthalene	13.75	162	71122	5.01	ng/ul	95
42) 2-Nitroaniline	13.95	65	22909	3.96	ng/ul	89
44) Dimethylphthalate	14.30	163	98617	4.90	ng/ul	99
45) 2,6-Dinitrotoluene	14.44	165	20025	4.56	ng/ul#	83
47) Acenaphthylene	14.59	152	103260	4.72	ng/ul	96
48) 3-Nitroaniline	14.77	138	16924	4.32	ng/ul#	73
49) Acenaphthene	14.93	153	68710	4.56	ng/ul	89
50) 2,4-Dinitrophenol	14.98	184	8936	2.97	ng/ul#	56
52) 4-Nitrophenol	15.06	109	16914	4.01	ng/ul	99
53) Dibenzofuran	15.26	168	115829	4.96	ng/ul	97
54) 2,4-Dinitrotoluene	15.22	165	30218	4.65	ng/ul#	79
55) 2,3,4,6-Tetrachlorophenol	15.48	232	29091	4.46	ng/ul#	84
56) Diethylphthalate	15.65	149	104179	5.05	ng/ul#	91
58) Fluorene	15.90	166	90975	4.75	ng/ul	87
59) 4-Chlorophenyl-phenylether	15.89	204	52282	4.92	ng/ul	88
60) 4-Nitroaniline	15.93	138	19372	4.52	ng/ul#	86
63) 4,6-Dinitro-2-methylphenol	15.98	198	13986	2.80	ng/ul#	84
64) N-Nitrosodiphenylamine	16.10	169	88921	4.58	ng/ul	90
65) 4-Bromophenyl-phenylether	16.79	248	37103	4.30	ng/ul	96
66) Hexachlorobenzene	16.90	284	42959	4.44	ng/ul	97
67) Atrazine	17.04	200	43931	5.00	ng/ul	94
68) Pentachlorophenol	17.25	266	19154	3.40	ng/ul#	88
69) Phenanthrene	17.65	178	169784	4.74	ng/ul	99
71) Anthracene	17.74	178	172847	4.69	ng/ul	97
72) Carbazole	18.01	167	153453	5.04	ng/ul	94
73) Di-n-butylphthalate	18.53	149	187976	4.96	ng/ul	97
74) Fluoranthene	19.64	202	221184	5.36	ng/ul#	95
77) Pyrene	20.01	202	235037	4.93	ng/ul	97
78) Butylbenzylphthalate	20.86	149	85199	4.55	ng/ul	96
79) 3,3'-Dichlorobenzidine	21.78	252	73103	4.22	ng/ul#	96
80) Benzo(a)anthracene	21.87	228	247459	4.89	ng/ul	97
81) Bis(2-ethylhexyl)phthalate	21.73	149	118469	4.50	ng/ul#	93
82) Chrysene	21.94	228	228561	4.79	ng/ul	96
84) Di-n-octyl phthalate	23.00	149	201389	4.74	ng/ul	100
85) Benzo(b)fluoranthene	24.21	252	227882	4.50	ng/ul	100
86) Benzo(k)fluoranthene	24.28	252	218074	4.50	ng/ul	96
88) Benzo(a)pyrene	25.14	252	224014	4.55	ng/ul	97
89) Indeno(1,2,3-cd)pyrene	29.21	276	265572	4.40	ng/ul	95
90) Dibenzo(a,h)anthracene	29.28	278	233086	4.63	ng/ul	99
91) Benzo(g,h,i)perylene	30.44	276	227347	4.58	ng/ul#	96

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

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