Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM043017\
Data File : BM009830.D
Acq On : 01 May 2017 05:05
Operator : SJ/MA
Sample : SSTDCCC020EC
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02041

Quant Time: May 01 06:30:07 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM042517.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon May 01 02:28:42 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	180099	20.00	ng/ul	0.00
18) Naphthalene-d8	10.61	136	775841	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.46	164	444493	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.22	188	879156	20.00	ng/ul	0.00
75) Chrysene-d12	21.40	240	719872	20.00	ng/ul	0.00
83) Perylene-d12	23.71	264	735740	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.30	96	31178	7.97	ng/uL	0.00
5) Phenol-d5	6.99	99	366258	18.72	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.15	67	256652	19.24	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	254477	20.44	ng/ul	0.00
13) 4-Methylphenol-d8	8.53	113	276290	18.11	ng/ul	0.00
19) Nitrobenzene-d5	8.98	128	129106	20.44	ng/ul	0.00
22) 2-Nitrophenol-d4	9.70	143	145357	21.88	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.24	165	269430	20.28	ng/ul	0.01
29) 4-Chloroaniline-d4	10.76	131	326157	20.37	ng/ul	0.00
43) Dimethylphthalate-d6	13.87	166	774394	20.03	ng/ul	0.00
46) Acenaphthylene-d8	14.16	160	977029	20.95	ng/ul	0.00
51) 4-Nitrophenol-d4	14.69	143	106519	14.28	ng/ul	0.02
57) Fluorene-d10	15.46	176	636197	18.23	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.60	200	77380	12.48	ng/ul	0.01
70) Anthracene-d10	17.32	188	867778	19.22	ng/ul	0.00
76) Pyrene-d10	19.61	212	742907	23.38	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.57	264	690648	19.30	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.33	88	37056	7.69	ng/uL#	65
4) Benzaldehyde	6.97	77	264353	20.74	ng/ul#	78
6) Phenol	7.02	94	402167	19.89	ng/ul#	63
8) Bis(2-Chloroethyl)ether	7.25	93	304459	20.05	ng/ul#	80
10) 2-Chlorophenol	7.38	128	266716	20.93	ng/ul#	74
11) 2-Methylphenol	8.26	108	282072	19.38	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.35	45	495721	19.55	ng/ul	96
14) Acetophenone	8.65	105	472028	18.81	ng/ul#	73
15) N-Nitroso-di-n-propylamine	8.63	70	296195	19.01	ng/ul#	84
16) 4-Methylphenol	8.59	108	311669	19.35	ng/ul	96
17) Hexachloroethane	8.88	117	121347	20.50	ng/ul	93
20) Nitrobenzene	9.03	77	407142	19.85	ng/ul#	86
21) Isophorone	9.55	82	706073	19.45	ng/ul#	95
23) 2-Nitrophenol	9.73	139	154892	21.41	ng/ul#	50
24) 2,4-Dimethylphenol	9.79	107	354947	19.73	ng/ul#	86
25) Bis(2-Chloroethoxy)methane	10.02	93	419648	19.94	ng/ul	97
27) 2,4-Dichlorophenol	10.27	162	275556	21.04	ng/ul#	91
28) Naphthalene	10.66	128	840480	20.34	ng/ul	99
30) 4-Chloroaniline	10.79	127	333850	20.88	ng/ul	98
31) Hexachlorobutadiene	10.93	225	191504	20.94	ng/ul	98
32) Caprolactam	11.58	113	88704	17.94	ng/ul#	76
33) 4-Chloro-3-methylphenol	11.91	107	306069	18.76	ng/ul#	92
34) 2-Methylnaphthalene	12.27	142	620421	19.53	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.64	216	352494	23.38	ng/ul#	96
37) Hexachlorocyclopentadiene	12.60	237	64398	8.00	ng/ul#	95
38) 2,4,6-Trichlorophenol	12.89	196	224688	21.95	ng/ul	95
39) 2,4,5-Trichlorophenol	12.97	196	231340	21.92	ng/ul	95
40) 1,1'-Biphenyl	13.29	154	807066	22.08	ng/ul	94
41) 2-Chloronaphthalene	13.34	162	618687	22.01	ng/ul	94
42) 2-Nitroaniline	13.56	65	242167	20.22	ng/ul#	76
44) Dimethylphthalate	13.92	163	762509	19.93	ng/ul	99
45) 2,6-Dinitrotoluene	14.06	165	154643	20.13	ng/ul#	72
47) Acenaphthylene	14.19	152	960114	20.88	ng/ul	100
48) 3-Nitroaniline	14.39	138	153784	20.27	ng/ul#	82
49) Acenaphthene	14.53	153	647762	20.72	ng/ul	97
50) 2,4-Dinitrophenol	14.61	184	38730	7.56	ng/ul#	75
52) 4-Nitrophenol	14.70	109	122617	14.34	ng/ul#	59
53) Dibenzofuran	14.86	168	906634	19.80	ng/ul	95
54) 2,4-Dinitrotoluene	14.85	165	209396	18.09	ng/ul#	81
55) 2,3,4,6-Tetrachlorophenol	15.10	232	188854	18.45	ng/ul#	96
56) Diethylphthalate	15.28	149	783213	18.78	ng/ul	98
58) Fluorene	15.52	166	739914	18.93	ng/ul	97
59) 4-Chlorophenyl-phenylether	15.50	204	394716	19.49	ng/ul	95
60) 4-Nitroaniline	15.56	138	140318	15.85	ng/ul#	29
63) 4,6-Dinitro-2-methylphenol	15.62	198	81006	12.66	ng/ul#	85
64) N-Nitrosodiphenylamine	15.73	169	622209	23.07	ng/ul	97
65) 4-Bromophenyl-phenylether	16.40	248	235338	23.44	ng/ul#	89
66) Hexachlorobenzene	16.52	284	239618	21.80	ng/ul	91
67) Atrazine	16.68	200	232673	21.50	ng/ul	94
68) Pentachlorophenol	16.87	266	95820	14.15	ng/ul	86
69) Phenanthrene	17.26	178	1002467	19.84	ng/ul	97
71) Anthracene	17.35	178	1047214	19.81	ng/ul	96
72) Carbazole	17.63	167	831477	17.48	ng/ul	98
73) Di-n-butylphthalate	18.17	149	1172525	20.23	ng/ul#	97
74) Fluoranthene	19.27	202	979811	15.38	ng/ul#	89
77) Pyrene	19.64	202	972538	23.92	ng/ul#	90
78) Butylbenzylphthalate	20.53	149	402660	23.88	ng/ul	88
79) 3,3'-Dichlorobenzidine	21.31	252	298791	22.44	ng/ul	99
80) Benzo(a)anthracene	21.39	228	883274	20.69	ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.29	149	575170	22.52	ng/ul	98
82) Chrysene	21.44	228	806420	20.99	ng/ul	99
84) Di-n-octyl phthalate	22.19	149	952653	17.72	ng/ul	96
85) Benzo(b)fluoranthene	23.01	252	905750	18.96	ng/ul#	94
86) Benzo(k)fluoranthene	23.06	252	913017	20.86	ng/ul#	97
88) Benzo(a)pyrene	23.61	252	900992	20.27	ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	26.07	276	1093497	22.72	ng/ul#	90
90) Dibenzo(a,h)anthracene	26.08	278	907878	22.15	ng/ul#	93
91) Benzo(g,h,i)perylene	26.81	276	906258	23.43	ng/ul#	91

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

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