Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM042517\
Data File : BM009706.D
Acq On : 25 Apr 2017 13:26
Operator : SJ/MA
Sample : SSTDICV020
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Apr 25 16:44:35 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM042517.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Apr 25 13:32:43 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	124745	20.00	ng/ul	0.00
18) Naphthalene-d8	10.62	136	567750	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.47	164	386550	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.22	188	941135	20.00	ng/ul	0.00
75) Chrysene-d12	21.40	240	1248652	20.00	ng/ul	0.00
83) Perylene-d12	23.72	264	1145108	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.30	96	19842	7.32	ng/uL	0.00
5) Phenol-d5	6.99	99	252531	18.63	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.16	67	177343	19.19	ng/ul	0.00
9) 2-Chlorophenol-d4	7.36	132	172854	20.05	ng/ul	0.00
13) 4-Methylphenol-d8	8.53	113	198662	18.80	ng/ul	0.00
19) Nitrobenzene-d5	8.99	128	93855	20.31	ng/ul	0.00
22) 2-Nitrophenol-d4	9.71	143	102370	21.06	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.24	165	193973	19.95	ng/ul	0.00
29) 4-Chloroaniline-d4	10.77	131	244946	20.91	ng/ul	0.00
43) Dimethylphthalate-d6	13.88	166	656689	19.53	ng/ul	0.00
46) Acenaphthylene-d8	14.17	160	788781	19.45	ng/ul	0.00
51) 4-Nitrophenol-d4	14.68	143	123404	19.02	ng/ul	0.00
57) Fluorene-d10	15.47	176	579437	19.09	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.60	200	121060	18.23	ng/ul	0.00
70) Anthracene-d10	17.32	188	922915	19.10	ng/ul	0.00
76) Pyrene-d10	19.62	212	1065622	19.34	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.57	264	1073649	19.28	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.34	88	26059	7.80	ng/uL#	69
4) Benzaldehyde	6.98	77	188253	21.32	ng/ul#	80
6) Phenol	7.02	94	263415	18.81	ng/ul#	66
8) Bis(2-Chloroethyl)ether	7.25	93	196342	18.67	ng/ul#	81
10) 2-Chlorophenol	7.39	128	176423	19.99	ng/ul#	72
11) 2-Methylphenol	8.26	108	190291	18.87	ng/ul	91
12) 2,2'-oxybis(1-Chloropropan	8.36	45	340745	19.40	ng/ul	98
14) Acetophenone	8.65	105	325746	18.75	ng/ul#	76
15) N-Nitroso-di-n-propylamine	8.63	70	209316	19.40	ng/ul#	87
16) 4-Methylphenol	8.59	108	213119	19.10	ng/ul	97
17) Hexachloroethane	8.89	117	80501	19.64	ng/ul	94
20) Nitrobenzene	9.03	77	295478	19.69	ng/ul#	88
21) Isophorone	9.56	82	520032	19.57	ng/ul#	93
23) 2-Nitrophenol	9.75	139	106182	20.05	ng/ul#	52
24) 2,4-Dimethylphenol	9.79	107	257392	19.55	ng/ul	89
25) Bis(2-Chloroethoxy)methane	10.03	93	299612	19.45	ng/ul	99
27) 2,4-Dichlorophenol	10.27	162	184863	19.29	ng/ul#	91
28) Naphthalene	10.67	128	586047	19.38	ng/ul	99
30) 4-Chloroaniline	10.79	127	247848	21.18	ng/ul	99
31) Hexachlorobutadiene	10.94	225	126322	18.87	ng/ul	96
32) Caprolactam	11.57	113	69887m	19.31	ng/ul	
33) 4-Chloro-3-methylphenol	11.91	107	240015	20.10	ng/ul#	88
34) 2-Methylnaphthalene	12.29	142	451213	19.41	ng/ul	98

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36) 1,2,4,5-Tetrachlorobenzene	12.66	216	259093	19.77 ng/ul#	95
37) Hexachlorocyclopentadiene	12.62	237	120464	17.21 ng/ul#	93
38) 2,4,6-Trichlorophenol	12.90	196	165971	18.64 ng/ul	96
39) 2,4,5-Trichlorophenol	12.97	196	177721	19.36 ng/ul	99
40) 1,1'-Biphenyl	13.30	154	608482	19.14 ng/ul	93
41) 2-Chloronaphthalene	13.35	162	471642	19.29 ng/ul	94
42) 2-Nitroaniline	13.56	65	204394	19.62 ng/ul#	75
44) Dimethylphthalate	13.93	163	645682	19.41 ng/ul	100
45) 2,6-Dinitrotoluene	14.06	165	130593	19.55 ng/ul#	74
47) Acenaphthylene	14.19	152	774096	19.36 ng/ul	98
48) 3-Nitroaniline	14.39	138	131162	19.88 ng/ul#	84
49) Acenaphthene	14.54	153	522394	19.21 ng/ul	100
50) 2,4-Dinitrophenol	14.60	184	78148	17.54 ng/ul#	79
52) 4-Nitrophenol	14.69	109	139428	18.75 ng/ul#	61
53) Dibenzofuran	14.87	168	769149	19.31 ng/ul	91
54) 2,4-Dinitrotoluene	14.85	165	194692	19.34 ng/ul#	72
55) 2,3,4,6-Tetrachlorophenol	15.10	232	173191	19.46 ng/ul#	97
56) Diethylphthalate	15.29	149	680217	18.75 ng/ul	98
58) Fluorene	15.52	166	649540	19.10 ng/ul	94
59) 4-Chlorophenyl-phenylether	15.52	204	332800	18.89 ng/ul	90
60) 4-Nitroaniline	15.56	138	143784	18.67 ng/ul#	33
63) 4,6-Dinitro-2-methylphenol	15.61	198	123032	17.96 ng/ul#	84
64) N-Nitrosodiphenylamine	15.73	169	554563	19.20 ng/ul	97
65) 4-Bromophenyl-phenylether	16.41	248	209769	19.52 ng/ul#	88
66) Hexachlorobenzene	16.52	284	229134	19.48 ng/ul	93
67) Atrazine	16.68	200	215259	18.58 ng/ul	95
68) Pentachlorophenol	16.87	266	134469	18.55 ng/ul	88
69) Phenanthrene	17.26	178	1029088	19.02 ng/ul	99
71) Anthracene	17.36	178	1084476	19.16 ng/ul	97
72) Carbazole	17.63	167	963767	18.92 ng/ul	98
73) Di-n-butylphthalate	18.18	149	1207111	19.46 ng/ul#	97
74) Fluoranthene	19.28	202	1287038	18.87 ng/ul#	92
77) Pyrene	19.64	202	1352657	19.18 ng/ul#	88
78) Butylbenzylphthalate	20.53	149	571533	19.54 ng/ul	88
79) 3,3'-Dichlorobenzidine	21.32	252	491266	21.27 ng/ul	99
80) Benzo(a)anthracene	21.39	228	1442078	19.48 ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.30	149	848055	19.14 ng/ul	96
82) Chrysene	21.44	228	1300991	19.52 ng/ul	98
84) Di-n-octyl phthalate	22.19	149	1458357	17.43 ng/ul	93
85) Benzo(b)fluoranthene	23.02	252	1426974	19.19 ng/ul#	97
86) Benzo(k)fluoranthene	23.06	252	1329586	19.52 ng/ul#	97
88) Benzo(a)pyrene	23.62	252	1338659	19.35 ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	26.07	276	1461214	19.51 ng/ul#	90
90) Dibenzo(a,h)anthracene	26.08	278	1242477	19.48 ng/ul#	91
91) Benzo(g,h,i)perylene	26.80	276	1190833	19.78 ng/ul#	91

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

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