Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM080316\
Data File : BM006852.D
Acq On : 03 Aug 2016 20:52
Operator : UM/SJ
Sample : SSTD01048
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 04 05:08:15 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM080316.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 04 04:55:08 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD01048

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	136278	20.00	ng/ul	0.00
18) Naphthalene-d8	10.35	136	536734	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.23	164	358311	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.98	188	941230	20.00	ng/ul	0.00
75) Chrysene-d12	21.19	240	995458	20.00	ng/ul	0.00
83) Perylene-d12	23.39	264	872681	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.11	96	7919	2.36	ng/uL	0.00
5) Phenol-d5	6.81	99	79933	7.00	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.93	67	61752	8.55	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	72901	8.02	ng/ul	0.00
13) 4-Methylphenol-d8	8.33	113	72583	8.08	ng/ul	0.01
19) Nitrobenzene-d5	8.74	128	32790	8.09	ng/ul	0.00
22) 2-Nitrophenol-d4	9.46	143	41917	9.41	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.02	165	73310	8.72	ng/ul	0.01
29) 4-Chloroaniline-d4	10.53	131	76628m	9.02	ng/ul	0.01
43) Dimethylphthalate-d6	13.65	166	283666	9.91	ng/ul	0.00
46) Acenaphthylene-d8	13.92	160	349749	9.79	ng/ul	0.00
51) 4-Nitrophenol-d4	14.54	143	55006m	10.77	ng/ul	0.00
57) Fluorene-d10	15.23	176	271512	10.80	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.39	200	47442	8.89	ng/ul	0.00
70) Anthracene-d10	17.08	188	432535m	9.79	ng/ul	0.00
76) Pyrene-d10	19.39	212	489576	10.40	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.24	264	399207	10.00	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.15	88	10705	3.13	ng/uL	89
4) Benzaldehyde	6.76	77	67953m	9.09	ng/ul	
6) Phenol	6.84	94	90682	7.48	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.02	93	66103	7.25	ng/ul	90
10) 2-Chlorophenol	7.16	128	77769	8.40	ng/ul	91
11) 2-Methylphenol	8.06	108	69713	7.69	ng/ul	93
12) 2,2'-oxybis(1-Chloropropan	8.11	45	158467	10.98	ng/ul#	93
14) Acetophenone	8.41	105	120404	8.41	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.39	70	65512	8.41	ng/ul#	88
16) 4-Methylphenol	8.39	108	68688	7.13	ng/ul	94
17) Hexachloroethane	8.62	117	42400	10.44	ng/ul#	73
20) Nitrobenzene	8.79	77	108624	10.07	ng/ul#	93
21) Isophorone	9.31	82	171396	8.74	ng/ul#	96
23) 2-Nitrophenol	9.49	139	42960	8.89	ng/ul	97
24) 2,4-Dimethylphenol	9.57	107	106481	10.02	ng/ul	94
25) Bis(2-Chloroethoxy)methane	9.79	93	93025	7.88	ng/ul	91
27) 2,4-Dichlorophenol	10.05	162	70142	8.42	ng/ul	94
28) Naphthalene	10.39	128	254322	9.49	ng/ul	99
30) 4-Chloroaniline	10.55	127	77278	8.78	ng/ul	97
31) Hexachlorobutadiene	10.66	225	80036	13.92	ng/ul	91
32) Caprolactam	11.40	113	20143m	7.78	ng/ul	
33) 4-Chloro-3-methylphenol	11.72	107	89614	9.52	ng/ul	97
34) 2-Methylnaphthalene	12.02	142	202382	10.10	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.40	216	137820	11.47	ng/ul	96
37) Hexachlorocyclopentadiene	12.36	237	55181	10.18	ng/ul	91
38) 2,4,6-Trichlorophenol	12.67	196	80069m	10.16	ng/ul	
39) 2,4,5-Trichlorophenol	12.77	196	77930	9.54	ng/ul	99
40) 1,1'-Biphenyl	13.05	154	287788	9.93	ng/ul	96
41) 2-Chloronaphthalene	13.09	162	230933	10.24	ng/ul	98
42) 2-Nitroaniline	13.35	65	77037	9.64	ng/ul	98
44) Dimethylphthalate	13.70	163	285996	9.95	ng/ul	98
45) 2,6-Dinitrotoluene	13.83	165	53434	9.15	ng/ul	93
47) Acenaphthylene	13.94	152	356864	9.64	ng/ul	99
48) 3-Nitroaniline	14.20	138	42668m	8.18	ng/ul	
49) Acenaphthene	14.29	153	228585	9.64	ng/ul	96
50) 2,4-Dinitrophenol	14.42	184	21684	7.04	ng/ul	97
52) 4-Nitrophenol	14.56	109	61112	11.78	ng/ul	92
53) Dibenzofuran	14.63	168	357071	10.42	ng/ul	98
54) 2,4-Dinitrotoluene	14.64	165	80689	9.61	ng/ul#	87
55) 2,3,4,6-Tetrachlorophenol	14.89	232	87238	12.29	ng/ul#	97
56) Diethylphthalate	15.07	149	297260	9.84	ng/ul	98
58) Fluorene	15.29	166	296372	10.61	ng/ul	94
59) 4-Chlorophenyl-phenylether	15.28	204	167388	11.99	ng/ul	91
60) 4-Nitroaniline	15.38	138	35068	5.72	ng/ul#	72
63) 4,6-Dinitro-2-methylphenol	15.40	198	46316	8.16	ng/ul#	90
64) N-Nitrosodiphenylamine	15.50	169	251940	9.01	ng/ul	91
65) 4-Bromophenyl-phenylether	16.17	248	113238	10.97	ng/ul	90
66) Hexachlorobenzene	16.29	284	122789	10.84	ng/ul	92
67) Atrazine	16.47	200	97171	9.53	ng/ul#	91
68) Pentachlorophenol	16.66	266	56900	10.83	ng/ul	92
69) Phenanthrene	17.03	178	495952	9.71	ng/ul	99
71) Anthracene	17.12	178	505168	9.55	ng/ul	99
72) Carbazole	17.42	167	402523	8.93	ng/ul	97
73) Di-n-butylphthalate	17.95	149	451586	7.61	ng/ul#	95
74) Fluoranthene	19.06	202	614873	10.49	ng/ul#	96
77) Pyrene	19.42	202	631085	10.22	ng/ul#	97
78) Butylbenzylphthalate	20.32	149	215063	8.01	ng/ul	95
79) 3,3'-Dichlorobenzidine	21.12	252	163285	9.57	ng/ul	95
80) Benzo(a)anthracene	21.17	228	594035	9.98	ng/ul	97
81) Bis(2-ethylhexyl)phthalate	21.10	149	279163	7.29	ng/ul	97
82) Chrysene	21.23	228	514530	9.55	ng/ul	97
84) Di-n-octyl phthalate	21.96	149	459036	8.63	ng/ul	98
85) Benzo(b)fluoranthene	22.73	252	510616	9.91	ng/ul	99
86) Benzo(k)fluoranthene	22.77	252	500717	10.30	ng/ul	98
88) Benzo(a)pyrene	23.29	252	483727	9.78	ng/ul#	99
89) Indeno(1,2,3-cd)pyrene	25.58	276	573804	9.85	ng/ul	98
90) Dibenzo(a,h)anthracene	25.59	278	486800	10.00	ng/ul	99
91) Benzo(g,h,i)perylene	26.26	276	461147	9.25	ng/ul	97

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

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