Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM080316\
Data File : BM006853.D
Acq On : 03 Aug 2016 21:28
Operator : UM/SJ
Sample : SSTD02049
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 04 05:04:04 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 :
SSTD02049

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	142586	20.00	ng/ul	0.00
18) Naphthalene-d8	10.35	136	559683	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.23	164	388806	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.98	188	965330	20.00	ng/ul	0.00
75) Chrysene-d12	21.19	240	1043674	20.00	ng/ul	0.00
83) Perylene-d12	23.38	264	907240	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.11	96	21353	6.08	ng/uL	0.00
5) Phenol-d5	6.80	99	199784	16.72	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.92	67	144379	19.11	ng/ul	0.00
9) 2-Chlorophenol-d4	7.12	132	168201	17.69	ng/ul	0.00
13) 4-Methylphenol-d8	8.32	113	159006	16.91	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	78732	18.63	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	91874	19.79	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.01	165	194390	22.18	ng/ul	0.00
29) 4-Chloroaniline-d4	10.52	131	205926m	23.25	ng/ul	0.00
43) Dimethylphthalate-d6	13.65	166	640046	20.61	ng/ul	0.00
46) Acenaphthylene-d8	13.92	160	780014	20.11	ng/ul	0.00
51) 4-Nitrophenol-d4	14.54	143	126435	22.81	ng/ul	0.00
57) Fluorene-d10	15.23	176	590830	21.66	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.39	200	120539	22.03	ng/ul	0.00
70) Anthracene-d10	17.08	188	948251	20.92	ng/ul	0.00
76) Pyrene-d10	19.39	212	1083917	21.97	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.24	264	883857	21.30	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.15	88	21846	6.10	ng/uL	100
4) Benzaldehyde	6.75	77	148908	19.03	ng/ul	100
6) Phenol	6.83	94	213741	16.86	ng/ul	100
8) Bis(2-Chloroethyl)ether	7.01	93	160080	16.77	ng/ul	100
10) 2-Chlorophenol	7.15	128	169509	17.49	ng/ul	100
11) 2-Methylphenol	8.06	108	161630	17.05	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.11	45	357037	23.65	ng/ul	100
14) Acetophenone	8.40	105	287600	19.20	ng/ul	100
15) N-Nitroso-di-n-propylamine	8.39	70	153786	18.87	ng/ul	100
16) 4-Methylphenol	8.39	108	172906	17.17	ng/ul	100
17) Hexachloroethane	8.62	117	84613	19.90	ng/ul	100
20) Nitrobenzene	8.78	77	245825	21.85	ng/ul	100
21) Isophorone	9.30	82	388904	19.02	ng/ul	100
23) 2-Nitrophenol	9.49	139	95822	19.01	ng/ul	100
24) 2,4-Dimethylphenol	9.57	107	240972	21.74	ng/ul	100
25) Bis(2-Chloroethoxy)methane	9.78	93	215494	17.50	ng/ul	100
27) 2,4-Dichlorophenol	10.03	162	194671	22.41	ng/ul	100
28) Naphthalene	10.39	128	563808	20.19	ng/ul	100
30) 4-Chloroaniline	10.54	127	197369	21.51	ng/ul	100
31) Hexachlorobutadiene	10.66	225	171254	28.57	ng/ul	100
32) Caprolactam	11.40	113	49702m	18.41	ng/ul	
33) 4-Chloro-3-methylphenol	11.70	107	195604	19.92	ng/ul	100
34) 2-Methylnaphthalene	12.02	142	456080	21.83	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.39	216	308223	23.64	ng/ul	100
37) Hexachlorocyclopentadiene	12.36	237	146003	24.83	ng/ul	100
38) 2,4,6-Trichlorophenol	12.67	196	191220	22.37	ng/ul	100
39) 2,4,5-Trichlorophenol	12.76	196	197210	22.25	ng/ul	100
40) 1,1'-Biphenyl	13.04	154	630672	20.06	ng/ul	100
41) 2-Chloronaphthalene	13.09	162	495774	20.27	ng/ul	100
42) 2-Nitroaniline	13.34	65	186296	21.48	ng/ul	100
44) Dimethylphthalate	13.70	163	651833	20.90	ng/ul	100
45) 2,6-Dinitrotoluene	13.83	165	122417	19.31	ng/ul	100
47) Acenaphthylene	13.94	152	791999	19.71	ng/ul	100
48) 3-Nitroaniline	14.19	138	105211	18.60	ng/ul	100
49) Acenaphthene	14.29	153	516571	20.07	ng/ul	100
50) 2,4-Dinitrophenol	14.40	184	68941	20.61	ng/ul	100
52) 4-Nitrophenol	14.54	109	176508	31.35	ng/ul	100
53) Dibenzofuran	14.63	168	787976	21.19	ng/ul	100
54) 2,4-Dinitrotoluene	14.63	165	193933	21.30	ng/ul	100
55) 2,3,4,6-Tetrachlorophenol	14.88	232	192487	25.00	ng/ul	100
56) Diethylphthalate	15.07	149	666935	20.34	ng/ul	100
58) Fluorene	15.28	166	674243	22.24	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.27	204	368734	24.35	ng/ul	100
60) 4-Nitroaniline	15.36	138	109732m	16.49	ng/ul	
63) 4,6-Dinitro-2-methylphenol	15.40	198	127024	21.83	ng/ul	100
64) N-Nitrosodiphenylamine	15.50	169	567158	19.78	ng/ul	100
65) 4-Bromophenyl-phenylether	16.17	248	240216	22.68	ng/ul	100
66) Hexachlorobenzene	16.29	284	268644	23.13	ng/ul	100
67) Atrazine	16.47	200	233367	22.31	ng/ul	100
68) Pentachlorophenol	16.66	266	133424	24.76	ng/ul	100
69) Phenanthrene	17.02	178	1076897	20.56	ng/ul	100
71) Anthracene	17.12	178	1131793	20.87	ng/ul	100
72) Carbazole	17.41	167	903492	19.54	ng/ul	100
73) Di-n-butylphthalate	17.95	149	1015358	16.68	ng/ul	100
74) Fluoranthene	19.05	202	1368882	22.77	ng/ul	100
77) Pyrene	19.42	202	1398178	21.60	ng/ul	100
78) Butylbenzylphthalate	20.32	149	477864	16.98	ng/ul	100
79) 3,3'-Dichlorobenzidine	21.11	252	400713	22.39	ng/ul	100
80) Benzo(a)anthracene	21.17	228	1284136	20.59	ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.10	149	654782	16.32	ng/ul	100
82) Chrysene	21.23	228	1139141	20.17	ng/ul	100
84) Di-n-octyl phthalate	21.96	149	1001240	18.11	ng/ul	100
85) Benzo(b)fluoranthene	22.73	252	1120714	20.93	ng/ul	100
86) Benzo(k)fluoranthene	22.77	252	1134116	22.45	ng/ul	100
88) Benzo(a)pyrene	23.29	252	1083240	21.08	ng/ul	100
89) Indeno(1,2,3-cd)pyrene	25.57	276	1301790	21.49	ng/ul	100
90) Dibenzo(a,h)anthracene	25.57	278	1119128	22.11	ng/ul	100
91) Benzo(g,h,i)perylene	26.24	276	1066298	20.57	ng/ul	100

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

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