Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100418\
Data File : BM016995.D
Acq On : 04 Oct 2018 11:40
Operator : MJ/SJ
Sample : SSTD01043
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD01043

Quant Time: Oct 04 13:09:46 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM100418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 04 13:06:06 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	168329	20.00	ng/ul	0.00
18) Naphthalene-d8	10.48	136	737708	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.34	164	416634	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.09	188	948813	20.00	ng/ul	0.00
78) Chrysene-d12	21.27	240	1103338	20.00	ng/ul	0.00
86) Perylene-d12	23.50	264	1137419	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.25	96	14325	3.64	ng/uL	0.00
5) Phenol-d5	6.88	99	136757	9.63	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.04	67	87745	9.98	ng/ul	0.00
9) 2-Chlorophenol-d4	7.23	132	114555	9.89	ng/ul	0.00
13) 4-Methylphenol-d8	8.40	113	106744	9.72	ng/ul	0.00
19) Nitrobenzene-d5	8.85	128	50534	10.42	ng/ul	0.00
22) 2-Nitrophenol-d4	9.57	143	49592	11.25	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.10	165	108224	9.66	ng/ul	0.00
29) 4-Chloroaniline-d4	10.62	131	137917	10.20	ng/ul	0.00
44) Dimethylphthalate-d6	13.75	166	325318	9.72	ng/ul	0.00
47) Acenaphthylene-d8	14.03	160	408191	9.45	ng/ul	0.00
52) 4-Nitrophenol-d4	14.54	143	53612	9.77	ng/ul	0.00
58) Fluorene-d10	15.33	176	290607	9.95	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.46	200	39954	10.26	ng/ul	0.00
71) Anthracene-d10	17.19	188	443895	9.70	ng/ul	0.00
79) Pyrene-d10	19.48	212	489264	9.14	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.36	264	564769	9.52	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.29	88	15123	3.692	ng/uL	98
4) Benzaldehyde	6.85	77	96335	12.057	ng/ul	98
6) Phenol	6.90	94	138628	9.782	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.13	93	109538	10.039	ng/ul	100
10) 2-Chlorophenol	7.27	128	115669	9.938	ng/ul	96
11) 2-Methylphenol	8.14	108	102082	9.611	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.22	45	162213	9.401	ng/ul	99
14) Acetophenone	8.52	105	176183	10.347	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.50	70	78511	9.214	ng/ul	98
16) 4-Methylphenol	8.46	108	109286	9.734	ng/ul	96
17) Hexachloroethane	8.77	117	47967	10.493	ng/ul	97
20) Nitrobenzene	8.89	77	125797	10.260	ng/ul	97
21) Isophorone	9.42	82	225180	9.241	ng/ul	100
23) 2-Nitrophenol	9.60	139	57801	11.361	ng/ul	95
24) 2,4-Dimethylphenol	9.66	107	123504	9.407	ng/ul	100
25) Bis(2-Chloroethoxy)methane	9.90	93	146580	9.732	ng/ul	98
27) 2,4-Dichlorophenol	10.13	162	105225	9.780	ng/ul	97
28) Naphthalene	10.53	128	374123	9.863	ng/ul	100
30) 4-Chloroaniline	10.64	127	141757	10.480	ng/ul	99
31) Hexachlorobutadiene	10.81	225	74314	10.232	ng/ul	94
32) Caprolactam	11.41	113	29173	8.574	ng/ul	91
33) 4-Chloro-3-methylphenol	11.76	107	107461	9.529	ng/ul	96
34) 2-Methylnaphthalene	12.15	142	264214	9.886	ng/ul	98

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35) 1-Methylnaphthalene	12.36	142	256937	9.613 ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.52	216	141091	9.860 ng/ul	99
38) Hexachlorocyclopentadiene	12.49	237	82145	9.220 ng/ul	96
39) 2,4,6-Trichlorophenol	12.76	196	81818	10.042 ng/ul	96
40) 2,4,5-Trichlorophenol	12.83	196	87227	9.809 ng/ul	97
41) 1,1'-Biphenyl	13.17	154	339541	9.796 ng/ul	99
42) 2-Chloronaphthalene	13.20	162	266201	9.814 ng/ul	98
43) 2-Nitroaniline	13.42	65	49782	8.331 ng/ul	99
45) Dimethylphthalate	13.80	163	322168	9.854 ng/ul	99
46) 2,6-Dinitrotoluene	13.92	165	46624	9.285 ng/ul	94
48) Acenaphthylene	14.06	152	395282	9.665 ng/ul	100
49) 3-Nitroaniline	14.25	138	50718	9.288 ng/ul#	87
50) Acenaphthene	14.40	153	283068	9.749 ng/ul	99
51) 2,4-Dinitrophenol	14.46	184	23479	10.453 ng/ul	98
53) 4-Nitrophenol	14.55	109	42311	10.001 ng/ul	97
54) Dibenzofuran	14.74	168	406071	10.193 ng/ul	99
55) 2,4-Dinitrotoluene	14.71	165	81685	11.062 ng/ul	98
56) 2,3,4,6-Tetrachlorophenol	14.97	232	79616	11.069 ng/ul	99
57) Diethylphthalate	15.17	149	309906	9.568 ng/ul	99
59) Fluorene	15.39	166	329663	10.073 ng/ul	99
60) 4-Chlorophenyl-phenylether	15.39	204	172639	10.404 ng/ul	99
61) 4-Nitroaniline	15.41	138	58240	8.683 ng/ul	97
64) 4,6-Dinitro-2-methylphenol	15.47	198	45206	10.351 ng/ul#	93
65) N-Nitrosodiphenylamine	15.60	169	273518	9.319 ng/ul	99
66) 4-Bromophenyl-phenylether	16.29	248	103252	9.618 ng/ul	98
67) Hexachlorobenzene	16.39	284	120205	10.405 ng/ul	98
68) Atrazine	16.56	200	86862	8.374 ng/ul	97
69) Pentachlorophenol	16.74	266	63911	10.230 ng/ul	96
70) Phenanthrene	17.13	178	531957	10.093 ng/ul	100
72) Anthracene	17.22	178	527229	9.744 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.13	216	148016	9.426 ng/uL	97
74) Pentachlorobenzene	14.66	250	140580	9.924 ng/uL	99
75) Carbazole	17.49	167	450752	9.477 ng/ul	100
76) Di-n-butylphthalate	18.06	149	497337	8.987 ng/ul	99
77) Fluoranthene	19.14	202	597831	9.895 ng/ul	97
80) Pyrene	19.51	202	638191	9.420 ng/ul	99
81) Butylbenzylphthalate	20.42	149	196877	7.858 ng/ul	97
82) 3,3'-Dichlorobenzidine	21.20	252	180795	8.272 ng/ul	98
83) Benzo(a)anthracene	21.26	228	655151	9.592 ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.20	149	316262	8.032 ng/ul	100
85) Chrysene	21.32	228	640926	10.062 ng/ul	99
87) Di-n-octyl phthalate	22.08	149	531851	7.783 ng/ul	100
88) Benzo(b)fluoranthene	22.83	252	662593	9.733 ng/ul	99
89) Benzo(k)fluoranthene	22.88	252	647687	9.908 ng/ul	99
91) Benzo(a)pyrene	23.40	252	643550	9.917 ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.73	276	756238	9.769 ng/ul	99
93) Dibenzo(a,h)anthracene	25.74	278	628509	9.706 ng/ul	99
94) Benzo(g,h,i)perylene	26.41	276	625769	9.748 ng/ul	99

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

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