Quantitation Report (QT Reviewed)

Data Path : U:\HPCHEM1\BNA M\DATA\BM012418\
Data File : BM013767.D
Acq On : 24 Jan 2018 14:38
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02039

Quant Time: Jan 24 16:26:35 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 24 08:36:53 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	129541	20.00	ng/ul	0.00
18) Naphthalene-d8	10.37	136	505612	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.25	164	309533	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.00	188	754471	20.00	ng/ul	0.00
75) Chrysene-d12	21.20	240	837146	20.00	ng/ul	0.00
83) Perylene-d12	23.40	264	811362	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.15	96	20341	6.21	ng/uL	0.00
5) Phenol-d5	6.78	99	197649	19.88	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	6.95	67	110240	18.30	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	167367	20.65	ng/ul	-0.01
13) 4-Methylphenol-d8	8.31	113	159444	20.86	ng/ul	-0.01
19) Nitrobenzene-d5	8.75	128	79400	20.24	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.47	143	91320	22.03	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.00	165	173128	21.62	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.52	131	187891	27.04	ng/ul	-0.01
43) Dimethylphthalate-d6	13.67	166	532859	20.89	ng/ul	0.00
46) Acenaphthylene-d8	13.94	160	653675	20.09	ng/ul	0.00
51) 4-Nitrophenol-d4	14.48	143	93821	22.63	ng/ul	0.00
57) Fluorene-d10	15.25	176	454173	20.24	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.39	200	71833	15.82	ng/ul	-0.01
70) Anthracene-d10	17.10	188	753487	20.50	ng/ul	0.00
76) Pyrene-d10	19.40	212	802217	20.58	ng/ul	-0.01
87) Benzo(a)pyrene-d12	23.26	264	775277	20.79	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.19	88	21867	6.090	ng/uL#	67
4) Benzaldehyde	6.75	77	134994	19.615	ng/ul#	81
6) Phenol	6.81	94	195060	19.556	ng/ul#	85
8) Bis(2-Chloroethyl)ether	7.03	93	151948	19.468	ng/ul	100
10) 2-Chlorophenol	7.16	128	163074	20.192	ng/ul	96
11) 2-Methylphenol	8.05	108	145271	19.758	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.13	45	151090	19.024	ng/ul#	79
14) Acetophenone	8.42	105	243541	19.251	ng/ul	87
15) N-Nitroso-di-n-propylamine	8.40	70	123776	20.054	ng/ul#	71
16) 4-Methylphenol	8.37	108	157951	20.091	ng/ul	98
17) Hexachloroethane	8.66	117	73565	18.713	ng/ul	88
20) Nitrobenzene	8.80	77	190781	18.824	ng/ul	92
21) Isophorone	9.32	82	330471	20.181	ng/ul#	93
23) 2-Nitrophenol	9.50	139	93760	21.702	ng/ul#	79
24) 2,4-Dimethylphenol	9.57	107	186049	20.425	ng/ul	89
25) Bis(2-Chloroethoxy)methane	9.80	93	201072	20.141	ng/ul	97
27) 2,4-Dichlorophenol	10.03	162	163924	21.239	ng/ul	94
28) Naphthalene	10.42	128	513879	20.429	ng/ul	100
30) 4-Chloroaniline	10.55	127	184745	26.814	ng/ul	94
31) Hexachlorobutadiene	10.70	225	119634	18.883	ng/ul	90
32) Caprolactam	11.33	113	55443	25.822	ng/ul#	32
33) 4-Chloro-3-methylphenol	11.68	107	175709	22.458	ng/ul	95
34) 2-Methylnaphthalene	12.05	142	380034	20.264	ng/ul	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.42	216	220857	19.256	ng/ul#	92
37) Hexachlorocyclopentadiene	12.39	237	68829	14.455	ng/ul#	90
38) 2,4,6-Trichlorophenol	12.67	196	146937	22.133	ng/ul	94
39) 2,4,5-Trichlorophenol	12.74	196	155921	22.571	ng/ul	97
40) 1,1'-Biphenyl	13.07	154	500128	19.411	ng/ul	100
41) 2-Chloronaphthalene	13.12	162	401324	19.926	ng/ul	96
42) 2-Nitroaniline	13.33	65	119304	21.473	ng/ul	91
44) Dimethylphthalate	13.72	163	526857	21.005	ng/ul	98
45) 2,6-Dinitrotoluene	13.84	165	106355	21.880	ng/ul	96
47) Acenaphthylene	13.97	152	603167	20.264	ng/ul	99
48) 3-Nitroaniline	14.17	138	93095	24.353	ng/ul#	94
49) Acenaphthene	14.32	153	416647	20.211	ng/ul	98
50) 2,4-Dinitrophenol	14.39	184	30498	10.945	ng/ul#	89
52) 4-Nitrophenol	14.49	109	91413	21.705	ng/ul#	79
53) Dibenzofuran	14.65	168	615560	19.849	ng/ul	100
54) 2,4-Dinitrotoluene	14.64	165	162416	22.922	ng/ul#	94
55) 2,3,4,6-Tetrachlorophenol	14.89	232	150325	23.135	ng/ul#	91
56) Diethylphthalate	15.09	149	534103	21.159	ng/ul	94
58) Fluorene	15.30	166	512669	20.181	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.30	204	272487	19.851	ng/ul	98
60) 4-Nitroaniline	15.34	138	112024	25.046	ng/ul	94
63) 4,6-Dinitro-2-methylphenol	15.40	198	76399	15.938	ng/ul#	93
64) N-Nitrosodiphenylamine	15.52	169	447954	20.187	ng/ul	97
65) 4-Bromophenyl-phenylether	16.20	248	174725	19.608	ng/ul	93
66) Hexachlorobenzene	16.31	284	194557	20.283	ng/ul#	93
67) Atrazine	16.48	200	183794	20.753	ng/ul	93
68) Pentachlorophenol	16.66	266	107553	21.101	ng/ul	99
69) Phenanthrene	17.04	178	833825	19.882	ng/ul	98
71) Anthracene	17.14	178	872671	20.174	ng/ul	100
72) Carbazole	17.42	167	755334	21.154	ng/ul	99
73) Di-n-butylphthalate	17.98	149	919073	21.885	ng/ul	99
74) Fluoranthene	19.07	202	1011578	20.207	ng/ul#	95
77) Pyrene	19.43	202	1019211	20.027	ng/ul#	94
78) Butylbenzylphthalate	20.35	149	415317	23.167	ng/ul	88
79) 3,3'-Dichlorobenzidine	21.13	252	324472	23.429	ng/ul	96
80) Benzo(a)anthracene	21.19	228	1051488	20.787	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.13	149	609848	22.673	ng/ul	96
82) Chrysene	21.24	228	942288	20.306	ng/ul	99
84) Di-n-octyl phthalate	22.00	149	1011852	20.694	ng/ul	99
85) Benzo(b)fluoranthene	22.74	252	1068682	21.448	ng/ul#	98
86) Benzo(k)fluoranthene	22.79	252	931192	19.335	ng/ul#	98
88) Benzo(a)pyrene	23.30	252	952657	20.239	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	25.59	276	1111304	20.000	ng/ul#	96
90) Dibenzo(a,h)anthracene	25.60	278	939195	20.016	ng/ul#	98
91) Benzo(g,h,i)perylene	26.26	276	908690	19.870	ng/ul#	96

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

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