Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM112018\

Quantitation Report (QT Reviewed)

Data File : BM017731.D
Acq On : 21 Nov 2018 07:42
Operator : MJ/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Nov 21 08:17:23 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 21 07:44:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	229534	20.00	ng/ul	0.00
18) Naphthalene-d8	10.36	136	1071229	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.24	164	664235	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.00	188	1517906	20.00	ng/ul	0.00
77) Chrysene-d12	21.20	240	1777352	20.00	ng/ul	0.00
85) Perylene-d12	23.39	264	1651560	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.19	96	39374	7.85	ng/uL	0.00
5) Phenol-d5	6.78	99	415362	19.81	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.95	67	250580	19.82	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	333505	20.33	ng/ul	0.00
13) 4-Methylphenol-d8	8.30	113	335771	19.60	ng/ul	0.00
19) Nitrobenzene-d5	8.75	128	164420	19.98	ng/ul	0.00
22) 2-Nitrophenol-d4	9.46	143	190250	20.18	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	359997	20.06	ng/ul	0.00
29) 4-Chloroaniline-d4	10.52	131	315022	20.45	ng/ul	0.00
43) Dimethylphthalate-d6	13.66	166	1138426	19.75	ng/ul	0.00
46) Acenaphthylene-d8	13.93	160	1396963	20.03	ng/ul	0.00
51) 4-Nitrophenol-d4	14.47	143	197143	18.81	ng/ul	0.00
57) Fluorene-d10	15.24	176	978881	19.67	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.37	200	205488	18.94	ng/ul	0.00
70) Anthracene-d10	17.10	188	1509432	19.97	ng/ul	0.00
78) Pyrene-d10	19.40	212	1719690	20.00	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.24	264	1795316	20.04	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.22	88	41439	7.744	ng/uL#	85
4) Benzaldehyde	6.76	77	73536	18.812	ng/ul	98
6) Phenol	6.81	94	411062	19.645	ng/ul	96
8) Bis(2-Chloroethyl)ether	7.03	93	319463	19.984	ng/ul	98
10) 2-Chlorophenol	7.16	128	331141	20.206	ng/ul	97
11) 2-Methylphenol	8.04	108	311047	19.483	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.13	45	365664	19.387	ng/ul	99
14) Acetophenone	8.42	105	527869	19.772	ng/ul	95
15) N-Nitroso-di-n-propylamine	8.40	70	278894	20.029	ng/ul	98
16) 4-Methylphenol	8.37	108	345179	20.008	ng/ul	100
17) Hexachloroethane	8.65	117	133743	20.129	ng/ul	94
20) Nitrobenzene	8.79	77	403936	19.559	ng/ul	97
21) Isophorone	9.31	82	768401	20.000	ng/ul	99
23) 2-Nitrophenol	9.49	139	197886	20.169	ng/ul	99
24) 2,4-Dimethylphenol	9.56	107	410718	20.039	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.80	93	463182	19.701	ng/ul	100
27) 2,4-Dichlorophenol	10.02	162	341379	20.145	ng/ul	98
28) Naphthalene	10.42	128	1109031	19.870	ng/ul	100
30) 4-Chloroaniline	10.54	127	324915	20.677	ng/ul	97
31) Hexachlorobutadiene	10.69	225	223779	19.883	ng/ul	98
32) Caprolactam	11.33	113	110324m	19.677	ng/ul	
33) 4-Chloro-3-methylphenol	11.67	107	384658	19.986	ng/ul	100
34) 2-Methylnaphthalene	12.03	142	822612	19.744	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.41	216	435852	19.665 ng/ul	99
37) Hexachlorocyclopentadiene	12.38	237	248972	17.419 ng/ul	97
38) 2,4,6-Trichlorophenol	12.66	196	284526	19.753 ng/ul	96
39) 2,4,5-Trichlorophenol	12.73	196	302572	19.641 ng/ul	96
40) 1,1'-Biphenyl	13.07	154	1072486	19.614 ng/ul	99
41) 2-Chloronaphthalene	13.10	162	845299	19.763 ng/ul	99
42) 2-Nitroaniline	13.33	65	250663	20.125 ng/ul	99
44) Dimethylphthalate	13.71	163	1099032	19.683 ng/ul	100
45) 2,6-Dinitrotoluene	13.83	165	226511	20.645 ng/ul	100
47) Acenaphthylene	13.96	152	1305025	20.033 ng/ul	99
48) 3-Nitroaniline	14.17	138	211466	20.203 ng/ul	94
49) Acenaphthene	14.30	153	919003	19.575 ng/ul	99
50) 2,4-Dinitrophenol	14.38	184	123577	16.612 ng/ul	99
52) 4-Nitrophenol	14.48	109	159793	18.540 ng/ul	100
53) Dibenzofuran	14.65	168	1302533	19.606 ng/ul	99
54) 2,4-Dinitrotoluene	14.63	165	343141	20.655 ng/ul	98
55) 2,3,4,6-Tetrachlorophenol	14.87	232	280160	19.723 ng/ul	98
56) Diethylphthalate	15.09	149	1130410	19.652 ng/ul	99
58) Fluorene	15.30	166	1093077	19.730 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.30	204	555966	19.537 ng/ul	97
60) 4-Nitroaniline	15.34	138	226588	19.472 ng/ul	99
63) 4,6-Dinitro-2-methylphenol	15.39	198	210159	18.793 ng/ul	92
64) N-Nitrosodiphenylamine	15.52	169	950959	20.349 ng/ul	97
65) 4-Bromophenyl-phenylether	16.19	248	343960	19.831 ng/ul	95
66) Hexachlorobenzene	16.30	284	383109	19.871 ng/ul	97
67) Atrazine	16.48	200	338897	19.550 ng/ul	98
68) Pentachlorophenol	16.65	266	222107	18.517 ng/ul	99
69) Phenanthrene	17.04	178	1722209	19.841 ng/ul	99
71) Anthracene	17.13	178	1770102	19.940 ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.03	216	432645	20.113 ng/uL	99
73) Pentachlorobenzene	14.56	250	443738	20.169 ng/uL	99
74) Carbazole	17.41	167	1574232	20.125 ng/ul	99
75) Di-n-butylphthalate	17.97	149	1982093	20.051 ng/ul	99
76) Fluoranthene	19.06	202	2103033	20.598 ng/ul	99
79) Pyrene	19.43	202	2178037	20.187 ng/ul	98
80) Butylbenzylphthalate	20.34	149	937469	20.320 ng/ul	97
81) 3,3'-Dichlorobenzidine	21.13	252	699714	19.124 ng/ul	98
82) Benzo(a)anthracene	21.19	228	2178028	19.757 ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.12	149	1396016	20.434 ng/ul	99
84) Chrysene	21.24	228	2036464	19.752 ng/ul	100
86) Di-n-octyl phthalate	21.99	149	2306458	19.939 ng/ul	100
87) Benzo(b)fluoranthene	22.73	252	2132656	20.774 ng/ul	98
88) Benzo(k)fluoranthene	22.77	252	1972354	19.768 ng/ul	99
90) Benzo(a)pyrene	23.29	252	1929026	19.815 ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.56	276	1950231	18.906 ng/ul	98
92) Dibenzo(a,h)anthracene	25.57	278	1638192	18.810 ng/ul	100
93) Benzo(g,h,i)perylene	26.22	276	1562803	18.746 ng/ul	99

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

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