Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012618\
Data File : BM013848.D
Acq On : 26 Jan 2018 17:42
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 26 23:43:14 2018
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jan 26 22:49:32 2018
Response via : Initial Calibration

Instrument : BNA_M
ClientSampleId : SSTD02046

Manual Integrations APPROVED
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1/29/2018 7:20:35 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	108217	20.00	ng/ul	0.00
18) Naphthalene-d8	10.36	136	414892	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.24	164	235502	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.99	188	565534	20.00	ng/ul	0.00
75) Chrysene-d12	21.19	240	680725	20.00	ng/ul	0.00
83) Perylene-d12	23.39	264	691228	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.15	96	18282	6.68	ng/uL	0.00
5) Phenol-d5	6.77	99	151014	18.18	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.93	67	92445	18.37	ng/ul	0.00
9) 2-Chlorophenol-d4	7.12	132	130775	19.32	ng/ul	0.00
13) 4-Methylphenol-d8	8.30	113	116435	18.23	ng/ul	0.00
19) Nitrobenzene-d5	8.75	128	62447	19.40	ng/ul	0.00
22) 2-Nitrophenol-d4	9.46	143	66891	19.66	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.00	165	133494	20.31	ng/ul	0.00
29) 4-Chloroaniline-d4	10.52	131	135268	23.72	ng/ul	0.00
43) Dimethylphthalate-d6	13.66	166	396575	20.43	ng/ul	0.00
46) Acenaphthylene-d8	13.93	160	491274	19.85	ng/ul	0.00
51) 4-Nitrophenol-d4	14.47	143	53798	17.06	ng/ul	0.00
57) Fluorene-d10	15.24	176	347275	20.35	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.38	200	61207	17.98	ng/ul	0.00
70) Anthracene-d10	17.09	188	569156	20.66	ng/ul	0.00
76) Pyrene-d10	19.39	212	653023	20.60	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.24	264	648466	20.41	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.18	88	19653m	6.552	ng/uL	
4) Benzaldehyde	6.75	77	107630	18.720	ng/ul	92
6) Phenol	6.80	94	150961	18.117	ng/ul	91
8) Bis(2-Chloroethyl)ether	7.03	93	117298	17.989	ng/ul	95
10) 2-Chlorophenol	7.16	128	127928	18.961	ng/ul	96
11) 2-Methylphenol	8.04	108	112604	18.332	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.12	45	113279	17.074	ng/ul#	81
14) Acetophenone	8.41	105	193518	18.311	ng/ul	90
15) N-Nitroso-di-n-propylamine	8.39	70	94841	18.394	ng/ul#	73
16) 4-Methylphenol	8.37	108	119903	18.257	ng/ul	98
17) Hexachloroethane	8.65	117	60533	18.432	ng/ul	82
20) Nitrobenzene	8.79	77	156042	18.763	ng/ul	95
21) Isophorone	9.31	82	241074	17.941	ng/ul	97
23) 2-Nitrophenol	9.49	139	68725	19.385	ng/ul	85
24) 2,4-Dimethylphenol	9.56	107	144862	19.381	ng/ul	91
25) Bis(2-Chloroethoxy)methane	9.79	93	148948	18.183	ng/ul	93
27) 2,4-Dichlorophenol	10.02	162	125583	19.829	ng/ul	93
28) Naphthalene	10.41	128	389571	18.874	ng/ul	97
30) 4-Chloroaniline	10.54	127	137715	24.359	ng/ul	90
31) Hexachlorobutadiene	10.69	225	107453	20.669	ng/ul	94
32) Caprolactam	11.33	113	30929m	17.555	ng/ul	
33) 4-Chloro-3-methylphenol	11.67	107	120486	18.767	ng/ul	96
34) 2-Methylnaphthalene	12.03	142	297383	19.324	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.41	216	181648	20.816	ng/ul	95
37) Hexachlorocyclopentadiene	12.38	237	56254	15.528	ng/ul	97
38) 2,4,6-Trichlorophenol	12.66	196	106226	21.030	ng/ul	96
39) 2,4,5-Trichlorophenol	12.75	196	111215	21.160	ng/ul	99
40) 1,1'-Biphenyl	13.06	154	394991	20.149	ng/ul	99
41) 2-Chloronaphthalene	13.10	162	318383	20.777	ng/ul	99
42) 2-Nitroaniline	13.33	65	86334	20.424	ng/ul	93
44) Dimethylphthalate	13.70	163	384258	20.135	ng/ul#	98
45) 2,6-Dinitrotoluene	13.83	165	77167	20.866	ng/ul	89
47) Acenaphthylene	13.96	152	460826	20.349	ng/ul	97
48) 3-Nitroaniline	14.17	138	65967	22.681	ng/ul	94
49) Acenaphthene	14.30	153	313825	20.009	ng/ul	99
50) 2,4-Dinitrophenol	14.39	184	31314m	14.771	ng/ul	
52) 4-Nitrophenol	14.49	109	61937	19.329	ng/ul#	69
53) Dibenzofuran	14.64	168	478009	20.259	ng/ul	100
54) 2,4-Dinitrotoluene	14.63	165	111211	20.629	ng/ul	88
55) 2,3,4,6-Tetrachlorophenol	14.87	232	101986	20.630	ng/ul#	91
56) Diethylphthalate	15.08	149	391953	20.409	ng/ul	93
58) Fluorene	15.29	166	400396	20.716	ng/ul	95
59) 4-Chlorophenyl-phenylether	15.29	204	214419	20.531	ng/ul	98
60) 4-Nitroaniline	15.34	138	69720	20.488	ng/ul#	84
63) 4,6-Dinitro-2-methylphenol	15.40	198	65829	18.321	ng/ul	94
64) N-Nitrosodiphenylamine	15.51	169	335427	20.166	ng/ul	96
65) 4-Bromophenyl-phenylether	16.19	248	138060	20.669	ng/ul	92
66) Hexachlorobenzene	16.30	284	152379	21.193	ng/ul	96
67) Atrazine	16.47	200	132216	19.917	ng/ul	94
68) Pentachlorophenol	16.65	266	67548	17.680	ng/ul	97
69) Phenanthrene	17.03	178	637867	20.291	ng/ul	98
71) Anthracene	17.13	178	656859	20.258	ng/ul	99
72) Carbazole	17.41	167	547734	20.465	ng/ul	99
73) Di-n-butylphthalate	17.97	149	647696	20.576	ng/ul	99
74) Fluoranthene	19.06	202	785982	20.946	ng/ul#	96
77) Pyrene	19.43	202	833158	20.133	ng/ul#	94
78) Butylbenzylphthalate	20.34	149	300972	20.646	ng/ul	93
79) 3,3'-Dichlorobenzidine	21.12	252	257435	22.860	ng/ul	95
80) Benzo(a)anthracene	21.18	228	855258	20.793	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.12	149	444636	20.330	ng/ul	97
82) Chrysene	21.23	228	773226	20.491	ng/ul	98
84) Di-n-octyl phthalate	21.98	149	753064	18.078	ng/ul	99
85) Benzo(b)fluoranthene	22.73	252	879195	20.711	ng/ul#	97
86) Benzo(k)fluoranthene	22.77	252	807710	19.685	ng/ul#	98
88) Benzo(a)pyrene	23.29	252	806739	20.117	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	25.57	276	951475	20.100	ng/ul#	97
90) Dibenzo(a,h)anthracene	25.57	278	802524	20.076	ng/ul#	97
91) Benzo(g,h,i)perylene	26.24	276	790583	20.292	ng/ul#	97

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

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