Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040119\
Data File : BM019658.D
Acq On : 01 Apr 2019 16:58
Operator : JU/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02090

Manual Integrations APPROVED
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4/2/2019 5:31:11 PM

Quant Time: Apr 02 07:06:21 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Apr 01 07:20:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	146565	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.35	136	657378	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.23	164	370994	20.00	ng/ul	-0.01
62) Phenanthrene-d10	16.99	188	797148	20.00	ng/ul	0.00
78) Chrysene-d12	21.20	240	896970	20.00	ng/ul	0.00
86) Perylene-d12	23.40	264	869208	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.12	96	29359	7.84	ng/uL	0.00
5) Phenol-d5	6.75	99	263923	20.22	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	6.92	67	172120	19.70	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.10	132	203353	20.56	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	201318	20.55	ng/ul	0.00
19) Nitrobenzene-d5	8.74	128	93380	19.91	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.45	143	109597	21.00	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	9.98	165	202844	20.60	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.51	131	255458	21.60	ng/ul	-0.01
44) Dimethylphthalate-d6	13.65	166	596570	19.93	ng/ul	-0.01
47) Acenaphthylene-d8	13.92	160	754115	20.15	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.47	143	89116	18.99	ng/ul	0.00
58) Fluorene-d10	15.23	176	510588	19.80	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.38	200	88977	16.88	ng/ul	0.00
71) Anthracene-d10	17.09	188	768681	20.09	ng/ul	0.00
79) Pyrene-d10	19.40	212	814432	19.66	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.26	264	932408	20.23	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.15	88	32128	7.543	ng/uL	87
4) Benzaldehyde	6.74	77	197225	21.096	ng/ul	98
6) Phenol	6.78	94	266468	19.565	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.02	93	202216	19.408	ng/ul	97
10) 2-Chlorophenol	7.13	128	205970	20.483	ng/ul	96
11) 2-Methylphenol	8.02	108	191482	20.159	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.10	45	207905m	21.051	ng/ul	
14) Acetophenone	8.40	105	314396	19.705	ng/ul	91
15) N-Nitroso-di-n-propylamine	8.38	70	187622	20.984	ng/ul#	87
16) 4-Methylphenol	8.35	108	214769	20.616	ng/ul	97
17) Hexachloroethane	8.62	117	83172	19.680	ng/ul	82
20) Nitrobenzene	8.78	77	269009	19.271	ng/ul	99
21) Isophorone	9.29	82	499399	20.854	ng/ul	97
23) 2-Nitrophenol	9.48	139	120492	20.929	ng/ul	96
24) 2,4-Dimethylphenol	9.54	107	251956	20.140	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.78	93	291271	20.156	ng/ul	98
27) 2,4-Dichlorophenol	10.01	162	200829	20.637	ng/ul	96
28) Naphthalene	10.40	128	675882	19.847	ng/ul	99
30) 4-Chloroaniline	10.53	127	264691	21.259	ng/ul	100
31) Hexachlorobutadiene	10.66	225	114204	18.603	ng/ul	95
32) Caprolactam	11.35	113	63944	22.131	ng/ul#	79
33) 4-Chloro-3-methylphenol	11.66	107	222395	21.202	ng/ul	97
34) 2-Methylnaphthalene	12.02	142	477736	20.020	ng/ul	99

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35) 1-Methylnaphthalene	12.24	142	447217	19.849	ng/ul	100
37) 1,2,4,5-Tetrachlorobenzene	12.39	216	217936	18.461	ng/ul#	95
38) Hexachlorocyclopentadiene	12.35	237	104054	17.184	ng/ul#	98
39) 2,4,6-Trichlorophenol	12.65	196	148887	20.215	ng/ul	98
40) 2,4,5-Trichlorophenol	12.73	196	159766	20.226	ng/ul	98
41) 1,1'-Biphenyl	13.05	154	612424	19.382	ng/ul#	95
42) 2-Chloronaphthalene	13.10	162	469759	19.413	ng/ul	98
43) 2-Nitroaniline	13.33	65	146848	22.098	ng/ul	89
45) Dimethylphthalate	13.70	163	599071	19.946	ng/ul#	98
46) 2,6-Dinitrotoluene	13.83	165	119195	21.618	ng/ul	91
48) Acenaphthylene	13.95	152	746253	20.115	ng/ul	99
49) 3-Nitroaniline	14.17	138	117061	21.696	ng/ul	93
50) Acenaphthene	14.29	153	511681	19.583	ng/ul	99
51) 2,4-Dinitrophenol	14.39	184	68087	21.327	ng/ul#	74
53) 4-Nitrophenol	14.49	109	72482	19.736	ng/ul#	80
54) Dibenzofuran	14.63	168	719487	19.719	ng/ul	98
55) 2,4-Dinitrotoluene	14.63	165	178696	21.886	ng/ul#	50
56) 2,3,4,6-Tetrachlorophenol	14.87	232	133408	20.049	ng/ul#	79
57) Diethylphthalate	15.07	149	610551	20.667	ng/ul	95
59) Fluorene	15.29	166	578763	20.016	ng/ul	98
60) 4-Chlorophenyl-phenylether	15.29	204	273138	18.936	ng/ul	92
61) 4-Nitroaniline	15.34	138	122865	20.861	ng/ul#	91
64) 4,6-Dinitro-2-methylphenol	15.39	198	93798	16.807	ng/ul#	83
65) N-Nitrosodiphenylamine	15.50	169	495780	19.991	ng/ul	99
66) 4-Bromophenyl-phenylether	16.18	248	166456	19.228	ng/ul#	92
67) Hexachlorobenzene	16.29	284	201490	19.221	ng/ul#	89
68) Atrazine	16.47	200	169587	19.540	ng/ul	95
69) Pentachlorophenol	16.64	266	103875	18.959	ng/ul	98
70) Phenanthrene	17.03	178	892724	19.752	ng/ul	100
72) Anthracene	17.13	178	924666	20.053	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.01	216	214143	18.529	ng/uL	98
74) Pentachlorobenzene	14.54	250	224279	18.553	ng/uL	98
75) Carbazole	17.41	167	830781	20.090	ng/ul#	96
76) Di-n-butylphthalate	17.96	149	1017017	22.187	ng/ul	100
77) Fluoranthene	19.06	202	1024657	19.785	ng/ul#	86
80) Pyrene	19.43	202	1064276	19.722	ng/ul#	83
81) Butylbenzylphthalate	20.34	149	492728	23.061	ng/ul#	91
82) 3,3'-Dichlorobenzidine	21.13	252	398023	20.426	ng/ul#	96
83) Benzo(a)anthracene	21.19	228	1077834	19.964	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.11	149	726742	23.466	ng/ul	95
85) Chrysene	21.24	228	1006635	19.432	ng/ul	99
87) Di-n-octyl phthalate	21.97	149	1292105	23.832	ng/ul	100
88) Benzo(b)fluoranthene	22.74	252	1077928	20.359	ng/ul#	96
89) Benzo(k)fluoranthene	22.79	252	1065443	20.955	ng/ul#	97
91) Benzo(a)pyrene	23.31	252	1006239	19.880	ng/ul#	96
92) Indeno(1,2,3-cd)pyrene	25.61	276	1114922	17.591	ng/ul#	85
93) Dibenzo(a,h)anthracene	25.63	278	961778	17.799	ng/ul#	95
94) Benzo(g,h,i)perylene	26.30	276	898779	16.969	ng/ul#	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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