Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062520\
Data File : BM026564.D
Acq On : 25 Jun 2020 18:26
Operator : JU/CG
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02020

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Quant Time: Jun 25 19:01:31 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 25 10:53:13 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.37	152	84063	20.00	ng/ul	0.00
18) Naphthalene-d8	10.13	136	384000	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.03	164	259762	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.79	188	588954	20.00	ng/ul	0.00
78) Chrysene-d12	21.00	240	712719	20.00	ng/ul	0.00
86) Perylene-d12	23.09	264	718006	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.96	96	20547	8.57	ng/uL	0.00
5) Phenol-d5	6.57	99	166378	21.48	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.73	67	114547	23.38	ng/ul	0.00
9) 2-Chlorophenol-d4	6.91	132	126086	19.97	ng/ul	0.00
13) 4-Methylphenol-d8	8.10	113	139759	22.93	ng/ul	0.00
19) Nitrobenzene-d5	8.52	128	64605	18.94	ng/ul	0.00
22) 2-Nitrophenol-d4	9.23	143	70814	18.86	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.77	165	138742	20.08	ng/ul	0.00
29) 4-Chloroaniline-d4	10.28	131	179264	24.87	ng/ul	0.00
44) Dimethylphthalate-d6	13.46	166	443156	20.29	ng/ul	0.00
47) Acenaphthylene-d8	13.72	160	526688	20.10	ng/ul	0.00
52) 4-Nitrophenol-d4	14.27	143	69123	19.08	ng/ul	0.00
58) Fluorene-d10	15.03	176	384709	20.53	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.18	200	76211	19.77	ng/ul	0.00
71) Anthracene-d10	16.89	188	614756	20.51	ng/ul	0.00
79) Pyrene-d10	19.19	212	716812	18.34	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.96	264	807983	20.35	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.99	88	21749	8.184	ng/uL	92
4) Benzaldehyde	6.53	77	111888	25.149	ng/ul	99
6) Phenol	6.60	94	187129	22.066	ng/ul	97
8) Bis(2-Chloroethyl)ether	6.82	93	141132	22.237	ng/ul	95
10) 2-Chlorophenol	6.95	128	137264	20.278	ng/ul	98
11) 2-Methylphenol	7.83	108	134335	21.795	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	7.91	45	280823m	25.922	ng/ul	
14) Acetophenone	8.19	105	236861	23.676	ng/ul	95
15) N-Nitroso-di-n-propylamine	8.19	70	141375	23.651	ng/ul	95
16) 4-Methylphenol	8.16	108	150033	22.476	ng/ul	100
17) Hexachloroethane	8.42	117	59211	20.595	ng/ul	95
20) Nitrobenzene	8.56	77	191833	20.667	ng/ul	97
21) Isophorone	9.09	82	359516	20.935	ng/ul	99
23) 2-Nitrophenol	9.26	139	80222	19.199	ng/ul	87
24) 2,4-Dimethylphenol	9.35	107	181494	20.658	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.57	93	203817	20.478	ng/ul	99
27) 2,4-Dichlorophenol	9.79	162	138635	19.899	ng/ul	97
28) Naphthalene	10.17	128	465149	19.920	ng/ul	99
30) 4-Chloroaniline	10.30	127	189500	25.384	ng/ul	100
31) Hexachlorobutadiene	10.47	225	94494	20.530	ng/ul	99
32) Caprolactam	11.08	113	46668m	21.301	ng/ul	
33) 4-Chloro-3-methylphenol	11.45	107	173007	21.358	ng/ul	98
34) 2-Methylnaphthalene	11.80	142	339264	20.673	ng/ul	97

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Quant Title : SVOA CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.03	142	316486	20.745	ng/ul	100
37) 1,2,4,5-Tetrachlorobenzene	12.19	216	187888	19.796	ng/ul	99
38) Hexachlorocyclopentadiene	12.16	237	89334	18.837	ng/ul	97
39) 2,4,6-Trichlorophenol	12.45	196	120788	19.674	ng/ul	98
40) 2,4,5-Trichlorophenol	12.52	196	131604	19.866	ng/ul	98
41) 1,1'-Biphenyl	12.85	154	451381	19.581	ng/ul	99
42) 2-Chloronaphthalene	12.89	162	351188	19.799	ng/ul	98
43) 2-Nitroaniline	13.11	65	134593	21.056	ng/ul	96
45) Dimethylphthalate	13.50	163	464887	20.496	ng/ul	99
46) 2,6-Dinitrotoluene	13.62	165	93051	19.733	ng/ul#	85
48) Acenaphthylene	13.74	152	551197	19.749	ng/ul	100
49) 3-Nitroaniline	13.95	138	90434	21.361	ng/ul	98
50) Acenaphthene	14.09	153	383462	19.911	ng/ul	98
51) 2,4-Dinitrophenol	14.17	184	41415	17.191	ng/ul	88
53) 4-Nitrophenol	14.29	109	69711	22.045	ng/ul	94
54) Dibenzofuran	14.43	168	554571	20.397	ng/ul	99
55) 2,4-Dinitrotoluene	14.42	165	143087	20.949	ng/ul	85
56) 2,3,4,6-Tetrachlorophenol	14.67	232	121025	21.390	ng/ul#	99
57) Diethylphthalate	14.89	149	481170	20.979	ng/ul	99
59) Fluorene	15.09	166	466326	20.780	ng/ul	100
60) 4-Chlorophenyl-phenylether	15.09	204	237669	20.941	ng/ul	96
61) 4-Nitroaniline	15.13	138	96523m	20.083	ng/ul	
64) 4,6-Dinitro-2-methylphenol	15.19	198	78900	19.922	ng/ul#	89
65) N-Nitrosodiphenylamine	15.31	169	403729	19.953	ng/ul	99
66) 4-Bromophenyl-phenylether	15.99	248	146686	19.854	ng/ul	99
67) Hexachlorobenzene	16.10	284	164940	19.953	ng/ul	99
68) Atrazine	16.29	200	154876	22.461	ng/ul	96
69) Pentachlorophenol	16.45	266	86952	22.004	ng/ul	98
70) Phenanthrene	16.83	178	762021	20.629	ng/ul	100
72) Anthracene	16.92	178	776589	20.511	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	12.81	216	186856	18.742	ng/uL	99
74) Pentachlorobenzene	14.36	250	187363	19.552	ng/uL	99
75) Carbazole	17.20	167	683336	21.719	ng/ul	100
76) Di-n-butylphthalate	17.79	149	855783	20.782	ng/ul	99
77) Fluoranthene	18.86	202	918050	22.749	ng/ul	100
80) Pyrene	19.22	202	976324	18.632	ng/ul	99
81) Butylbenzylphthalate	20.16	149	414069	18.561	ng/ul	95
82) 3,3'-Dichlorobenzidine	20.93	252	319931	19.430	ng/ul	98
83) Benzo(a)anthracene	20.99	228	1010188	19.897	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	20.95	149	659073	19.558	ng/ul	98
85) Chrysene	21.04	228	984697	19.979	ng/ul	99
87) Di-n-octyl phthalate	21.80	149	1132793	21.978	ng/ul	100
88) Benzo(b)fluoranthene	22.47	252	1057799	21.483	ng/ul	100
89) Benzo(k)fluoranthene	22.51	252	994277	20.993	ng/ul	99
91) Benzo(a)pyrene	23.00	252	898141	20.705	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.11	276	1039589	18.285	ng/ul	98
93) Dibenzo(a,h)anthracene	25.12	278	884387	18.641	ng/ul	99
94) Benzo(g,h,i)perylene	25.73	276	841238	17.712	ng/ul	98

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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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