Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122420\
Data File : BM028259.D
Acq On : 24 Dec 2020 14:14
Operator : JU/CG
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02019

Quant Time: Dec 24 15:16:30 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121520MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 24 15:09:34 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.19	152	87080	20.00	ng/ul	0.00
18) Naphthalene-d8	11.02	136	345653	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.82	164	197177	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.54	188	393033	20.00	ng/ul	0.00
78) Chrysene-d12	21.65	240	369712	20.00	ng/ul	0.00
86) Perylene-d12	24.01	264	363590	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.40	96	16505	7.53	ng/uL	0.00
5) Phenol-d5	7.33	99	148479	20.24	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.50	67	91952	19.78	ng/ul	0.00
9) 2-Chlorophenol-d4	7.71	132	126842	20.51	ng/ul	0.00
13) 4-Methylphenol-d8	8.89	113	122232	20.43	ng/ul	0.00
19) Nitrobenzene-d5	9.36	128	58847	21.71	ng/ul	0.00
22) 2-Nitrophenol-d4	10.09	143	64763	23.47	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.63	165	119728	21.43	ng/ul	0.00
29) 4-Chloroaniline-d4	11.15	131	114981	17.36	ng/ul	0.00
44) Dimethylphthalate-d6	14.22	166	319311	21.02	ng/ul	0.00
47) Acenaphthylene-d8	14.51	160	411220	21.58	ng/ul	0.00
52) 4-Nitrophenol-d4	14.99	143	59955	21.71	ng/ul	0.00
58) Fluorene-d10	15.80	176	280538	20.64	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.91	200	49428	21.12	ng/ul	0.00
71) Anthracene-d10	17.63	188	411041	21.07	ng/ul	0.00
79) Pyrene-d10	19.89	212	428135	20.76	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.86	264	431981	21.57	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.43	88	17232	7.623	ng/uL	100
4) Benzaldehyde	7.31	77	61218	17.524	ng/ul	100
6) Phenol	7.35	94	149150	20.341	ng/ul	100
8) Bis(2-Chloroethyl)ether	7.59	93	121737	20.006	ng/ul	100
10) 2-Chlorophenol	7.74	128	126442	20.026	ng/ul	100
11) 2-Methylphenol	8.63	108	112690	20.154	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.72	45	195348	18.824	ng/ul	100
14) Acetophenone	9.02	105	178617	19.895	ng/ul	100
15) N-Nitroso-di-n-propylamine	9.00	70	88967	19.698	ng/ul	100
16) 4-Methylphenol	8.96	108	122456	20.391	ng/ul	100
17) Hexachloroethane	9.28	117	53895	20.086	ng/ul	100
20) Nitrobenzene	9.40	77	139194	20.757	ng/ul	100
21) Isophorone	9.93	82	245060	21.022	ng/ul	100
23) 2-Nitrophenol	10.12	139	68886	22.654	ng/ul	100
24) 2,4-Dimethylphenol	10.17	107	129876	20.134	ng/ul	100
25) Bis(2-Chloroethoxy)methane	10.41	93	163184	20.617	ng/ul	100
27) 2,4-Dichlorophenol	10.65	162	116570	21.450	ng/ul	100
28) Naphthalene	11.06	128	405989	20.713	ng/ul	100
30) 4-Chloroaniline	11.17	127	111186	17.419	ng/ul	100
31) Hexachlorobutadiene	11.34	225	73179	20.351	ng/ul	100
32) Caprolactam	11.93	113	34803	22.301	ng/ul	100
33) 4-Chloro-3-methylphenol	12.27	107	117846	20.632	ng/ul	100
34) 2-Methylnaphthalene	12.66	142	274872	20.592	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.88	142	319506	20.452	ng/ul	100
37) 1,2,4,5-Tetrachlorobenzene	13.02	216	137302	21.246	ng/ul	100
38) Hexachlorocyclopentadiene	13.00	237	72403	18.493	ng/ul	100
39) 2,4,6-Trichlorophenol	13.26	196	87056	22.137	ng/ul	100
40) 2,4,5-Trichlorophenol	13.33	196	93342	21.927	ng/ul	100
41) 1,1'-Biphenyl	13.66	154	347965	20.941	ng/ul	100
42) 2-Chloronaphthalene	13.70	162	273453	21.029	ng/ul	100
43) 2-Nitroaniline	13.90	65	74176	21.321	ng/ul	100
45) Dimethylphthalate	14.26	163	324206	20.886	ng/ul	100
46) 2,6-Dinitrotoluene	14.39	165	65386	22.158	ng/ul	100
48) Acenaphthylene	14.54	152	411208	21.286	ng/ul	100
49) 3-Nitroaniline	14.71	138	51121	19.251	ng/ul	100
50) Acenaphthene	14.88	153	287938	20.767	ng/ul	100
51) 2,4-Dinitrophenol	14.92	184	33200	20.114	ng/ul	100
53) 4-Nitrophenol	15.00	109	43265	20.128	ng/ul	100
54) Dibenzofuran	15.21	168	393269	20.724	ng/ul	100
55) 2,4-Dinitrotoluene	15.17	165	92306	21.723	ng/ul	100
56) 2,3,4,6-Tetrachlorophenol	15.43	232	76437	21.617	ng/ul	100
57) Diethylphthalate	15.61	149	325737	20.634	ng/ul	100
59) Fluorene	15.85	166	323912	20.442	ng/ul	100
60) 4-Chlorophenyl-phenylether	15.84	204	160202	20.750	ng/ul	100
61) 4-Nitroaniline	15.86	138	50072	18.355	ng/ul	100
64) 4,6-Dinitro-2-methylphenol	15.92	198	53270	21.109	ng/ul	100
65) N-Nitrosodiphenylamine	16.05	169	269156	21.051	ng/ul	100
66) 4-Bromophenyl-phenylether	16.73	248	96384	21.423	ng/ul	100
67) Hexachlorobenzene	16.85	284	109797	21.339	ng/ul	100
68) Atrazine	16.99	200	90680	21.129	ng/ul	100
69) Pentachlorophenol	17.19	266	60162	20.722	ng/ul	100
70) Phenanthrene	17.58	178	494790	20.795	ng/ul	100
72) Anthracene	17.67	178	506597	20.922	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	13.62	216	133808	21.513	ng/uL	100
74) Pentachlorobenzene	15.13	250	129909	21.472	ng/uL	100
75) Carbazole	17.93	167	434561	21.515	ng/ul	100
76) Di-n-butylphthalate	18.47	149	538103	21.643	ng/ul	100
77) Fluoranthene	19.56	202	553766	22.051	ng/ul	100
80) Pyrene	19.92	202	570586	20.479	ng/ul	100
81) Butylbenzylphthalate	20.79	149	235019	22.473	ng/ul	100
82) 3,3'-Dichlorobenzidine	21.56	252	148897	21.027	ng/ul	100
83) Benzo(a)anthracene	21.63	228	516421	20.839	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.54	149	348220	23.464	ng/ul	100
85) Chrysene	21.69	228	501883	20.607	ng/ul	100
87) Di-n-octyl phthalate	22.45	149	590677	22.563	ng/ul	100
88) Benzo(b)fluoranthene	23.30	252	509554	20.727	ng/ul	100
89) Benzo(k)fluoranthene	23.34	252	514217	21.090	ng/ul	100
91) Benzo(a)pyrene	23.91	252	473809	21.384	ng/ul	100
92) Indeno(1,2,3-cd)pyrene	26.43	276	576448	22.780	ng/ul	100
93) Dibenzo(a,h)anthracene	26.44	278	486504	22.681	ng/ul	100
94) Benzo(g,h,i)perylene	27.18	276	487701	22.948	ng/ul	100

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

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