Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012020\
Data File : BM024545.D
Acq On : 20 Jan 2020 09:32
Operator : JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02099

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1/21/2020 2:54:02 PM

Quant Time: Jan 20 15:47:04 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 20 15:42:34 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.46	152	209876	20.00	ng/ul	0.00
18) Naphthalene-d8	10.22	136	938307	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.10	164	679922	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.85	188	1611280	20.00	ng/ul	0.00
78) Chrysene-d12	21.06	240	1592294	20.00	ng/ul	0.00
86) Perylene-d12	23.18	264	1497484	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.06	96	33625	7.83	ng/uL	0.00
5) Phenol-d5	6.65	99	320597	20.61	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.80	67	176420	20.42	ng/ul	0.00
9) 2-Chlorophenol-d4	6.99	132	283240	21.32	ng/ul	0.00
13) 4-Methylphenol-d8	8.17	113	285394	19.90	ng/ul	0.00
19) Nitrobenzene-d5	8.59	128	144563	21.93	ng/ul	0.00
22) 2-Nitrophenol-d4	9.31	143	167793	23.50	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.85	165	329795	20.52	ng/ul	0.00
29) 4-Chloroaniline-d4	10.35	131	398783	22.32	ng/ul	0.00
44) Dimethylphthalate-d6	13.53	166	1098321	20.62	ng/ul	0.00
47) Acenaphthylene-d8	13.79	160	1234500	20.13	ng/ul	0.00
52) 4-Nitrophenol-d4	14.32	143	196657	22.12	ng/ul	0.00
58) Fluorene-d10	15.10	176	935580	19.95	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.23	200	189830	20.64	ng/ul	0.00
71) Anthracene-d10	16.95	188	1518427	20.26	ng/ul	0.00
79) Pyrene-d10	19.26	212	1792489	21.06	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.04	264	1626960	20.95	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.09	88	32330	7.249	ng/uL	92
4) Benzaldehyde	6.60	77	126179	15.293	ng/ul	100
6) Phenol	6.68	94	338210	21.395	ng/ul	95
8) Bis(2-Chloroethyl)ether	6.89	93	257585	20.804	ng/ul	98
10) 2-Chlorophenol	7.03	128	297522	22.376	ng/ul	98
11) 2-Methylphenol	7.90	108	266968	20.605	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	7.99	45	312241	21.339	ng/ul	95
14) Acetophenone	8.27	105	467142	20.748	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.26	70	231139	21.714	ng/ul	97
16) 4-Methylphenol	8.23	108	300845	20.852	ng/ul	99
17) Hexachloroethane	8.52	117	123790	20.861	ng/ul	100
20) Nitrobenzene	8.63	77	338956	21.244	ng/ul	98
21) Isophorone	9.16	82	667599	21.252	ng/ul	98
23) 2-Nitrophenol	9.34	139	185988	23.823	ng/ul	95
24) 2,4-Dimethylphenol	9.42	107	360970	21.303	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.65	93	384791	21.289	ng/ul	99
27) 2,4-Dichlorophenol	9.87	162	337362	21.637	ng/ul	97
28) Naphthalene	10.26	128	996235	20.725	ng/ul	99
30) 4-Chloroaniline	10.37	127	418367	23.823	ng/ul	100
31) Hexachlorobutadiene	10.57	225	235329	18.962	ng/ul	99
32) Caprolactam	11.13	113	106579m	22.692	ng/ul	
33) 4-Chloro-3-methylphenol	11.52	107	354981	21.905	ng/ul	97
34) 2-Methylnaphthalene	11.89	142	782021	20.966	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.11	142	754357	19.950	ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.27	216	473199	21.154	ng/ul	98
38) Hexachlorocyclopentadiene	12.26	237	224060	13.849	ng/ul	98
39) 2,4,6-Trichlorophenol	12.52	196	307569	22.473	ng/ul	98
40) 2,4,5-Trichlorophenol	12.59	196	329692	22.500	ng/ul	99
41) 1,1'-Biphenyl	12.93	154	1063984	21.554	ng/ul	99
42) 2-Chloronaphthalene	12.96	162	834218	21.007	ng/ul	98
43) 2-Nitroaniline	13.17	65	232426	25.547	ng/ul	99
45) Dimethylphthalate	13.57	163	1130741	20.880	ng/ul	99
46) 2,6-Dinitrotoluene	13.68	165	233563	22.919	ng/ul	98
48) Acenaphthylene	13.82	152	1293898	20.659	ng/ul	99
49) 3-Nitroaniline	14.00	138	216659	25.787	ng/ul	97
50) Acenaphthene	14.17	153	884805	20.873	ng/ul	98
51) 2,4-Dinitrophenol	14.22	184	122503	22.001	ng/ul	95
53) 4-Nitrophenol	14.33	109	179021	21.652	ng/ul	92
54) Dibenzofuran	14.50	168	1329112	21.403	ng/ul	98
55) 2,4-Dinitrotoluene	14.47	165	344836	22.632	ng/ul	100
56) 2,3,4,6-Tetrachlorophenol	14.74	232	319706	22.481	ng/ul#	99
57) Diethylphthalate	14.96	149	1159140	20.845	ng/ul	99
59) Fluorene	15.16	166	1086540	20.694	ng/ul	95
60) 4-Chlorophenyl-phenylether	15.16	204	595157	19.872	ng/ul	99
61) 4-Nitroaniline	15.17	138	239056	23.854	ng/ul	96
64) 4,6-Dinitro-2-methylphenol	15.25	198	210615	21.651	ng/ul	98
65) N-Nitrosodiphenylamine	15.38	169	971112	21.700	ng/ul	98
66) 4-Bromophenyl-phenylether	16.06	248	391910	20.517	ng/ul	98
67) Hexachlorobenzene	16.17	284	438928	20.009	ng/ul	98
68) Atrazine	16.35	200	393921	20.916	ng/ul	99
69) Pentachlorophenol	16.51	266	275967	21.130	ng/ul	98
70) Phenanthrene	16.90	178	1805774	20.781	ng/ul	99
72) Anthracene	16.99	178	1841924	20.786	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	12.89	216	475953	20.773	ng/uL	98
74) Pentachlorobenzene	14.43	250	496104	20.453	ng/uL	99
75) Carbazole	17.26	167	1642674	22.032	ng/ul	99
76) Di-n-butylphthalate	17.86	149	1984506	21.172	ng/ul	99
77) Fluoranthene	18.92	202	2254317	21.226	ng/ul	99
80) Pyrene	19.29	202	2291879	21.026	ng/ul	98
81) Butylbenzylphthalate	20.22	149	940151	24.558	ng/ul	98
82) 3,3'-Dichlorobenzidine	20.99	252	722232	21.077	ng/ul	98
83) Benzo(a)anthracene	21.04	228	2346726	21.635	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.02	149	1358531	22.417	ng/ul	99
85) Chrysene	21.10	228	2167006	20.733	ng/ul	100
87) Di-n-octyl phthalate	21.87	149	2282822	22.271	ng/ul	100
88) Benzo(b)fluoranthene	22.56	252	2194872	22.176	ng/ul	99
89) Benzo(k)fluoranthene	22.60	252	2006838	20.631	ng/ul	99
91) Benzo(a)pyrene	23.09	252	1927432	22.409	ng/ul	100
92) Indeno(1,2,3-cd)pyrene	25.26	276	1774522	19.717	ng/ul	96
93) Dibenzo(a,h)anthracene	25.27	278	1599577	20.942	ng/ul	100
94) Benzo(g,h,i)perylene	25.89	276	1108267	15.495	ng/ul	99

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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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