Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011720\
Data File : BM024532.D
Acq On : 18 Jan 2020 13:01
Operator : JU
Sample : SSTDCCC020
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02024

Manual Integrations APPROVED
mohammad
1/21/2020 7:59:45 AM

Quant Time: Jan 20 03:23:46 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 20 01:02:24 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.46	152	197857	20.00	ng/ul	0.00
18) Naphthalene-d8	10.22	136	900301	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.10	164	678644	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.85	188	1633351	20.00	ng/ul	0.00
78) Chrysene-d12	21.06	240	1693370	20.00	ng/ul	0.00
86) Perylene-d12	23.18	264	1709327	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.06	96	32505	8.03	ng/uL	0.00
5) Phenol-d5	6.65	99	292144	19.92	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.80	67	159208	19.54	ng/ul	0.00
9) 2-Chlorophenol-d4	7.00	132	265213	21.17	ng/ul	0.00
13) 4-Methylphenol-d8	8.17	113	264287	19.54	ng/ul	0.00
19) Nitrobenzene-d5	8.59	128	135261	21.38	ng/ul	0.00
22) 2-Nitrophenol-d4	9.31	143	159029	23.21	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.85	165	320975	20.82	ng/ul	0.00
29) 4-Chloroaniline-d4	10.35	131	323488	18.87	ng/ul	0.00
44) Dimethylphthalate-d6	13.53	166	1066593	20.06	ng/ul	0.00
47) Acenaphthylene-d8	13.79	160	1253718	20.49	ng/ul	0.00
52) 4-Nitrophenol-d4	14.32	143	179607	20.24	ng/ul	0.00
58) Fluorene-d10	15.10	176	938822	20.06	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.23	200	179157	19.22	ng/ul	0.00
71) Anthracene-d10	16.95	188	1508926	19.87	ng/ul	0.00
79) Pyrene-d10	19.26	212	1800826	19.90	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.04	264	1795856	20.26	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.09	88	32678	7.772	ng/uL	94
4) Benzaldehyde	6.60	77	116319	14.955	ng/ul	98
6) Phenol	6.67	94	292849	19.651	ng/ul	99
8) Bis(2-Chloroethyl)ether	6.90	93	231944	19.871	ng/ul	99
10) 2-Chlorophenol	7.03	128	259237	20.681	ng/ul	97
11) 2-Methylphenol	7.90	108	239153	19.579	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	7.99	45	269209	19.516	ng/ul	98
14) Acetophenone	8.27	105	413432	19.478	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.26	70	201470	20.076	ng/ul	99
16) 4-Methylphenol	8.23	108	264876	19.474	ng/ul	98
17) Hexachloroethane	8.52	117	112721	20.150	ng/ul	96
20) Nitrobenzene	8.63	77	306539	20.024	ng/ul	96
21) Isophorone	9.16	82	587337	19.486	ng/ul	97
23) 2-Nitrophenol	9.34	139	167160	22.315	ng/ul	93
24) 2,4-Dimethylphenol	9.42	107	329089	20.241	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.65	93	346087	19.956	ng/ul	99
27) 2,4-Dichlorophenol	9.87	162	311080	20.794	ng/ul	98
28) Naphthalene	10.26	128	916365	19.868	ng/ul	100
30) 4-Chloroaniline	10.37	127	315220	18.707	ng/ul	99
31) Hexachlorobutadiene	10.57	225	240450	20.193	ng/ul	96
32) Caprolactam	11.13	113	93353m	20.715	ng/ul	
33) 4-Chloro-3-methylphenol	11.52	107	322693	20.753	ng/ul	98
34) 2-Methylnaphthalene	11.89	142	717312	20.043	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.11	142	719379	19.828 ng/ul	97
37) 1,2,4,5-Tetrachlorobenzene	12.27	216	460289	20.615 ng/ul	98
38) Hexachlorocyclopentadiene	12.26	237	316526	19.601 ng/ul	99
39) 2,4,6-Trichlorophenol	12.52	196	286770	20.993 ng/ul	98
40) 2,4,5-Trichlorophenol	12.59	196	315871	21.597 ng/ul	97
41) 1,1'-Biphenyl	12.93	154	986888	20.030 ng/ul	99
42) 2-Chloronaphthalene	12.96	162	801689	20.226 ng/ul	100
43) 2-Nitroaniline	13.17	65	202326	22.280 ng/ul	100
45) Dimethylphthalate	13.57	163	1080879	19.996 ng/ul	99
46) 2,6-Dinitrotoluene	13.68	165	226242	22.242 ng/ul	98
48) Acenaphthylene	13.82	152	1265685	20.246 ng/ul	99
49) 3-Nitroaniline	14.00	138	152361	18.168 ng/ul	95
50) Acenaphthene	14.17	153	845474	19.982 ng/ul	99
51) 2,4-Dinitrophenol	14.21	184	103668	18.653 ng/ul	96
53) 4-Nitrophenol	14.33	109	170480	20.658 ng/ul	96
54) Dibenzofuran	14.50	168	1248574	20.144 ng/ul	100
55) 2,4-Dinitrotoluene	14.47	165	329305	21.653 ng/ul	96
56) 2,3,4,6-Tetrachlorophenol	14.74	232	304405	21.446 ng/ul	99
57) Diethylphthalate	14.96	149	1116944	20.124 ng/ul	99
59) Fluorene	15.16	166	1049380	20.024 ng/ul	98
60) 4-Chlorophenyl-phenylether	15.17	204	600975	20.104 ng/ul	97
61) 4-Nitroaniline	15.17	138	184815	18.476 ng/ul	99
64) 4,6-Dinitro-2-methylphenol	15.25	198	191806	19.451 ng/ul#	96
65) N-Nitrosodiphenylamine	15.38	169	905366	19.957 ng/ul	100
66) 4-Bromophenyl-phenylether	16.06	248	387975	20.036 ng/ul	97
67) Hexachlorobenzene	16.17	284	447720	20.134 ng/ul	95
68) Atrazine	16.34	200	378694	19.836 ng/ul	99
69) Pentachlorophenol	16.51	266	255251	19.280 ng/ul	100
70) Phenanthrene	16.90	178	1744239	19.802 ng/ul	99
72) Anthracene	16.99	178	1783047	19.850 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	12.89	216	475377	20.468 ng/uL	98
74) Pentachlorobenzene	14.43	250	495170	20.139 ng/uL	98
75) Carbazole	17.26	167	1494055	19.768 ng/ul	99
76) Di-n-butylphthalate	17.86	149	1942466	20.443 ng/ul	99
77) Fluoranthene	18.92	202	2220075	20.621 ng/ul	99
80) Pyrene	19.29	202	2282227	19.687 ng/ul	99
81) Butylbenzylphthalate	20.22	149	888112	21.814 ng/ul	97
82) 3,3'-Dichlorobenzidine	20.99	252	626379	17.189 ng/ul	98
83) Benzo(a)anthracene	21.04	228	2332237	20.218 ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.02	149	1351261	20.966 ng/ul	100
85) Chrysene	21.10	228	2235136	20.108 ng/ul	99
87) Di-n-octyl phthalate	21.87	149	2268362	19.388 ng/ul	100
88) Benzo(b)fluoranthene	22.56	252	2228984	19.729 ng/ul	98
89) Benzo(k)fluoranthene	22.60	252	2259854	20.353 ng/ul	100
91) Benzo(a)pyrene	23.09	252	1989110	20.260 ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.25	276	2146369	20.893 ng/ul	99
93) Dibenzo(a,h)anthracene	25.27	278	1803853	20.690 ng/ul	99
94) Benzo(g,h,i)perylene	25.88	276	1703717	20.868 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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