Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011420\
Data File : BM024476.D
Acq On : 14 Jan 2020 18:58
Operator : JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02017

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Quant Time: Jan 15 10:52:15 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM010820MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jan 14 15:42:37 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	262894	20.00	ng/ul	0.00
18) Naphthalene-d8	10.23	136	1094509	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.12	164	781569	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.87	188	1837397	20.00	ng/ul	0.00
78) Chrysene-d12	21.08	240	2100896	20.00	ng/ul	0.00
86) Perylene-d12	23.20	264	2246593	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.08	96	58428	9.59	ng/uL	0.00
5) Phenol-d5	6.66	99	377365	18.38	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.82	67	240117	19.94	ng/ul	0.00
9) 2-Chlorophenol-d4	7.02	132	324926	18.73	ng/ul	0.00
13) 4-Methylphenol-d8	8.19	113	299767	18.18	ng/ul	0.00
19) Nitrobenzene-d5	8.61	128	173454	21.13	ng/ul	0.00
22) 2-Nitrophenol-d4	9.33	143	129608	16.47	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.86	165	343397	19.89	ng/ul	0.00
29) 4-Chloroaniline-d4	10.37	131	369852	18.99	ng/ul	0.00
44) Dimethylphthalate-d6	13.55	166	1181278	21.04	ng/ul	0.00
47) Acenaphthylene-d8	13.80	160	1410765	19.46	ng/ul	0.00
52) 4-Nitrophenol-d4	14.33	143	172961	17.47	ng/ul	0.00
58) Fluorene-d10	15.12	176	1079672	21.70	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.24	200	142656	17.33	ng/ul	0.00
71) Anthracene-d10	16.97	188	1730986	20.11	ng/ul	0.00
79) Pyrene-d10	19.27	212	2060773	18.36	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.07	264	2256890	19.67	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.10	88	61394	10.021	ng/uL	94
4) Benzaldehyde	6.62	77	165421	14.571	ng/ul	99
6) Phenol	6.69	94	395448	18.901	ng/ul	94
8) Bis(2-Chloroethyl)ether	6.91	93	319141	19.465	ng/ul	99
10) 2-Chlorophenol	7.05	128	328337	18.982	ng/ul	93
11) 2-Methylphenol	7.92	108	289346	18.386	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.01	45	395562	17.934	ng/ul#	96
14) Acetophenone	8.29	105	576186	22.718	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.28	70	271004	21.127	ng/ul	92
16) 4-Methylphenol	8.25	108	332810	19.754	ng/ul	99
17) Hexachloroethane	8.54	117	158527	21.021	ng/ul	94
20) Nitrobenzene	8.65	77	432431	21.447	ng/ul	99
21) Isophorone	9.18	82	778129	21.144	ng/ul	98
23) 2-Nitrophenol	9.36	139	149406	17.227	ng/ul	96
24) 2,4-Dimethylphenol	9.43	107	388953	19.707	ng/ul	96
25) Bis(2-Chloroethoxy)methane	9.67	93	435399	19.754	ng/ul	98
27) 2,4-Dichlorophenol	9.89	162	347412	21.022	ng/ul	98
28) Naphthalene	10.28	128	1168846	20.660	ng/ul	99
30) 4-Chloroaniline	10.39	127	363883	19.101	ng/ul	99
31) Hexachlorobutadiene	10.59	225	285346	23.785	ng/ul	97
32) Caprolactam	11.15	113	90271m	17.959	ng/ul	
33) 4-Chloro-3-methylphenol	11.53	107	344127	19.924	ng/ul	98
34) 2-Methylnaphthalene	11.90	142	845914	21.584	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.13	142	860057	21.930 ng/ul#	99
37) 1,2,4,5-Tetrachlorobenzene	12.29	216	521336	20.330 ng/ul	97
38) Hexachlorocyclopentadiene	12.28	237	364732	19.428 ng/ul	95
39) 2,4,6-Trichlorophenol	12.53	196	265252	17.476 ng/ul	98
40) 2,4,5-Trichlorophenol	12.60	196	315524	19.339 ng/ul	98
41) 1,1'-Biphenyl	12.95	154	1157198	19.299 ng/ul	99
42) 2-Chloronaphthalene	12.97	162	937136	19.500 ng/ul	97
43) 2-Nitroaniline	13.19	65	229879	19.714 ng/ul	98
45) Dimethylphthalate	13.59	163	1221961	21.212 ng/ul	100
46) 2,6-Dinitrotoluene	13.70	165	232207	22.473 ng/ul	90
48) Acenaphthylene	13.83	152	1490509	19.956 ng/ul	99
49) 3-Nitroaniline	14.02	138	154709	16.131 ng/ul#	92
50) Acenaphthene	14.18	153	1001128	20.159 ng/ul	97
51) 2,4-Dinitrophenol	14.23	184	77997	17.571 ng/ul#	84
53) 4-Nitrophenol	14.35	109	195219	22.611 ng/ul#	79
54) Dibenzofuran	14.52	168	1472874	21.480 ng/ul	94
55) 2,4-Dinitrotoluene	14.49	165	363134	25.334 ng/ul	87
56) 2,3,4,6-Tetrachlorophenol	14.76	232	270119	20.706 ng/ul#	95
57) Diethylphthalate	14.97	149	1292257	22.814 ng/ul	98
59) Fluorene	15.17	166	1256140	22.179 ng/ul	98
60) 4-Chlorophenyl-phenylether	15.18	204	685521	23.205 ng/ul	92
61) 4-Nitroaniline	15.19	138	190080	16.599 ng/ul#	81
64) 4,6-Dinitro-2-methylphenol	15.26	198	151793	16.831 ng/ul	100
65) N-Nitrosodiphenylamine	15.39	169	1012679	18.537 ng/ul	98
66) 4-Bromophenyl-phenylether	16.07	248	422967	20.456 ng/ul	96
67) Hexachlorobenzene	16.19	284	486131	20.231 ng/ul	96
68) Atrazine	16.36	200	385598	18.990 ng/ul	98
69) Pentachlorophenol	16.53	266	219020	16.771 ng/ul	94
70) Phenanthrene	16.91	178	2039211	20.350 ng/ul	99
72) Anthracene	17.00	178	2086210	20.317 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	12.90	216	504157	17.264 ng/uL	99
74) Pentachlorobenzene	14.44	250	548155	19.491 ng/uL	99
75) Carbazole	17.27	167	1746505	19.705 ng/ul	99
76) Di-n-butylphthalate	17.87	149	2179265	20.991 ng/ul	99
77) Fluoranthene	18.93	202	2563751	21.996 ng/ul#	96
80) Pyrene	19.30	202	2715589	18.694 ng/ul	97
81) Butylbenzylphthalate	20.24	149	645586	12.347 ng/ul	99
82) 3,3'-Dichlorobenzidine	21.00	252	571293	11.799 ng/ul	100
83) Benzo(a)anthracene	21.06	228	2812457	19.647 ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.04	149	1240346	15.593 ng/ul	98
85) Chrysene	21.12	228	2723329	19.719 ng/ul	99
87) Di-n-octyl phthalate	21.90	149	2092896	16.771 ng/ul	100
88) Benzo(b)fluoranthene	22.57	252	2799627	20.411 ng/ul	99
89) Benzo(k)fluoranthene	22.62	252	2787253	20.727 ng/ul	99
91) Benzo(a)pyrene	23.12	252	2509086	19.731 ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.29	276	2791807	17.038 ng/ul	99
93) Dibenzo(a,h)anthracene	25.30	278	2385910	17.172 ng/ul	99
94) Benzo(g,h,i)perylene	25.91	276	2213111	16.106 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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