Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011720\
Data File : BM024498.D
Acq On : 17 Jan 2020 16:48
Operator : JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02022

Manual Integrations APPROVED
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1/21/2020 7:59:30 AM

Quant Time: Jan 17 17:22:33 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jan 17 12:17:39 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.46	152	130373	20.00	ng/ul	0.00
18) Naphthalene-d8	10.22	136	574802	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.11	164	451840	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.86	188	1114028	20.00	ng/ul	0.00
78) Chrysene-d12	21.07	240	1266739	20.00	ng/ul	0.00
86) Perylene-d12	23.19	264	1472628	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.06	96	22041	8.26	ng/uL	0.00
5) Phenol-d5	6.65	99	177455	18.36	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.81	67	99118	18.47	ng/ul	0.00
9) 2-Chlorophenol-d4	7.00	132	164588	19.94	ng/ul	0.00
13) 4-Methylphenol-d8	8.17	113	162578	18.25	ng/ul	0.00
19) Nitrobenzene-d5	8.60	128	83112	20.58	ng/ul	0.00
22) 2-Nitrophenol-d4	9.32	143	92081	21.05	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.85	165	201607	20.48	ng/ul	0.00
29) 4-Chloroaniline-d4	10.36	131	201373	18.40	ng/ul	0.00
44) Dimethylphthalate-d6	13.53	166	697582	19.70	ng/ul	0.00
47) Acenaphthylene-d8	13.79	160	802610	19.70	ng/ul	0.00
52) 4-Nitrophenol-d4	14.32	143	116677	19.75	ng/ul	0.00
58) Fluorene-d10	15.11	176	630413	20.23	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.23	200	114391	17.99	ng/ul	0.00
71) Anthracene-d10	16.96	188	1035281	19.98	ng/ul	0.00
79) Pyrene-d10	19.26	212	1271731	18.78	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.05	264	1501498	19.66	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.09	88	23172	8.364	ng/uL	98
4) Benzaldehyde	6.61	77	72346	14.116	ng/ul	97
6) Phenol	6.67	94	180111	18.342	ng/ul	98
8) Bis(2-Chloroethyl)ether	6.90	93	147611	19.192	ng/ul	96
10) 2-Chlorophenol	7.03	128	167519	20.281	ng/ul	95
11) 2-Methylphenol	7.91	108	148102	18.401	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.00	45	163569	17.996	ng/ul	98
14) Acetophenone	8.27	105	264003	18.876	ng/ul	95
15) N-Nitroso-di-n-propylamine	8.27	70	125376	18.960	ng/ul	98
16) 4-Methylphenol	8.23	108	165559	18.473	ng/ul	99
17) Hexachloroethane	8.53	117	75040	20.357	ng/ul	87
20) Nitrobenzene	8.64	77	190367	19.477	ng/ul	96
21) Isophorone	9.17	82	365092	18.972	ng/ul	99
23) 2-Nitrophenol	9.35	139	99665	20.839	ng/ul	98
24) 2,4-Dimethylphenol	9.42	107	208279	20.065	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.66	93	212238	19.168	ng/ul	99
27) 2,4-Dichlorophenol	9.87	162	197098	20.635	ng/ul	98
28) Naphthalene	10.27	128	591837	20.098	ng/ul	99
30) 4-Chloroaniline	10.38	127	199195	18.516	ng/ul	99
31) Hexachlorobutadiene	10.57	225	165897	21.821	ng/ul	98
32) Caprolactam	11.13	113	55441m	19.269	ng/ul	
33) 4-Chloro-3-methylphenol	11.52	107	197540	19.898	ng/ul	100
34) 2-Methylnaphthalene	11.89	142	455948	19.954	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.12	142	467511	20.182 ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.27	216	303799	20.436 ng/ul	99
38) Hexachlorocyclopentadiene	12.27	237	211256	19.649 ng/ul	99
39) 2,4,6-Trichlorophenol	12.52	196	184962	20.337 ng/ul	100
40) 2,4,5-Trichlorophenol	12.59	196	199544	20.492 ng/ul	97
41) 1,1'-Biphenyl	12.93	154	639089	19.482 ng/ul	99
42) 2-Chloronaphthalene	12.96	162	519141	19.672 ng/ul	98
43) 2-Nitroaniline	13.17	65	123090	20.359 ng/ul	97
45) Dimethylphthalate	13.58	163	707715	19.665 ng/ul	99
46) 2,6-Dinitrotoluene	13.68	165	142220	21.000 ng/ul	96
48) Acenaphthylene	13.82	152	820399	19.711 ng/ul	100
49) 3-Nitroaniline	14.01	138	93235	16.698 ng/ul	97
50) Acenaphthene	14.17	153	556254	19.746 ng/ul	98
51) 2,4-Dinitrophenol	14.22	184	64774	17.505 ng/ul	97
53) 4-Nitrophenol	14.33	109	117619	21.407 ng/ul	93
54) Dibenzofuran	14.51	168	835746	20.251 ng/ul	100
55) 2,4-Dinitrotoluene	14.47	165	213287	21.064 ng/ul	98
56) 2,3,4,6-Tetrachlorophenol	14.74	232	201140	21.284 ng/ul	98
57) Diethylphthalate	14.96	149	740980	20.052 ng/ul	99
59) Fluorene	15.16	166	705190	20.211 ng/ul	97
60) 4-Chlorophenyl-phenylether	15.17	204	404571	20.327 ng/ul	99
61) 4-Nitroaniline	15.17	138	115993	17.417 ng/ul	99
64) 4,6-Dinitro-2-methylphenol	15.24	198	124218	18.469 ng/ul#	99
65) N-Nitrosodiphenylamine	15.38	169	605202	19.559 ng/ul	99
66) 4-Bromophenyl-phenylether	16.06	248	261231	19.780 ng/ul	97
67) Hexachlorobenzene	16.17	284	303076	19.983 ng/ul	97
68) Atrazine	16.34	200	255545	19.626 ng/ul	97
69) Pentachlorophenol	16.52	266	174106	19.281 ng/ul	99
70) Phenanthrene	16.90	178	1200530	19.982 ng/ul	100
72) Anthracene	16.99	178	1229559	20.069 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	12.89	216	306933	19.376 ng/uL	98
74) Pentachlorobenzene	14.43	250	332055	19.801 ng/uL	99
75) Carbazole	17.26	167	1028711	19.956 ng/ul	100
76) Di-n-butylphthalate	17.86	149	1310006	20.214 ng/ul	99
77) Fluoranthene	18.92	202	1544725	21.037 ng/ul	99
80) Pyrene	19.29	202	1618273	18.661 ng/ul	99
81) Butylbenzylphthalate	20.23	149	601707	19.757 ng/ul	98
82) 3,3'-Dichlorobenzidine	20.99	252	453990	16.654 ng/ul	98
83) Benzo(a)anthracene	21.05	228	1746128	20.235 ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.03	149	955578	19.821 ng/ul	100
85) Chrysene	21.10	228	1697164	20.411 ng/ul	99
87) Di-n-octyl phthalate	21.88	149	1625465	16.126 ng/ul	100
88) Benzo(b)fluoranthene	22.56	252	1806818	18.563 ng/ul	99
89) Benzo(k)fluoranthene	22.60	252	1837810	19.212 ng/ul	100
91) Benzo(a)pyrene	23.09	252	1690005	19.980 ng/ul	100
92) Indeno(1,2,3-cd)pyrene	25.26	276	2039850	23.048 ng/ul	98
93) Dibenzo(a,h)anthracene	25.27	278	1741343	23.183 ng/ul	99
94) Benzo(g,h,i)perylene	25.89	276	1657354	23.562 ng/ul	99

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

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