Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032320\
Data File : BM025718.D
Acq On : 24 Mar 2020 07:30
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02058

Manual Integrations APPROVED
mohammad
3/27/2020 8:14:35 AM

Quant Time: Mar 24 08:13:49 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Mar 24 07:32:43 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	167696	20.00	ng/ul	0.00
18) Naphthalene-d8	10.34	136	698466	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.21	164	450470	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.96	188	973222	20.00	ng/ul	0.00
78) Chrysene-d12	21.15	240	1017248	20.00	ng/ul	0.00
86) Perylene-d12	23.30	264	1200654	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.13	96	30239	7.57	ng/uL	0.00
5) Phenol-d5	6.76	99	253250	19.13	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.92	67	140861	18.65	ng/ul	0.00
9) 2-Chlorophenol-d4	7.11	132	207140	19.28	ng/ul	0.00
13) 4-Methylphenol-d8	8.28	113	198037	18.21	ng/ul	0.00
19) Nitrobenzene-d5	8.72	128	99280	19.12	ng/ul	0.00
22) 2-Nitrophenol-d4	9.43	143	105626	19.14	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.96	165	215027	19.05	ng/ul	0.00
29) 4-Chloroaniline-d4	10.47	131	263794	20.13	ng/ul	0.00
44) Dimethylphthalate-d6	13.63	166	624695	18.25	ng/ul	0.00
47) Acenaphthylene-d8	13.90	160	729696	17.79	ng/ul	0.00
52) 4-Nitrophenol-d4	14.42	143	114260	17.53	ng/ul	0.00
58) Fluorene-d10	15.21	176	536716	17.86	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.33	200	92308	15.55	ng/ul	0.00
71) Anthracene-d10	17.06	188	824351	18.13	ng/ul	0.00
79) Pyrene-d10	19.35	212	916619	18.76	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.16	264	1137928	18.51	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.17	88	32215	7.485	ng/uL	98
4) Benzaldehyde	6.72	77	160566	22.906	ng/ul	96
6) Phenol	6.78	94	263340	19.054	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.01	93	202314	18.485	ng/ul	100
10) 2-Chlorophenol	7.14	128	222903	19.713	ng/ul	99
11) 2-Methylphenol	8.02	108	197341	18.661	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.10	45	267622	18.326	ng/ul	97
14) Acetophenone	8.39	105	319078	19.022	ng/ul	100
15) N-Nitroso-di-n-propylamine	8.37	70	158970	18.918	ng/ul	97
16) 4-Methylphenol	8.34	108	218481	18.925	ng/ul	100
17) Hexachloroethane	8.64	117	88294	18.783	ng/ul	94
20) Nitrobenzene	8.76	77	237085	18.746	ng/ul	97
21) Isophorone	9.28	82	428318	18.339	ng/ul	99
23) 2-Nitrophenol	9.46	139	119532	19.285	ng/ul	96
24) 2,4-Dimethylphenol	9.53	107	234309	18.642	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.77	93	268947	17.967	ng/ul	99
27) 2,4-Dichlorophenol	9.99	162	220438	19.686	ng/ul	98
28) Naphthalene	10.39	128	708007	18.613	ng/ul	99
30) 4-Chloroaniline	10.50	127	277198	20.846	ng/ul	100
31) Hexachlorobutadiene	10.69	225	133147	18.200	ng/ul	98
32) Caprolactam	11.26	113	60338m	16.295	ng/ul	
33) 4-Chloro-3-methylphenol	11.63	107	224663	19.300	ng/ul	99
34) 2-Methylnaphthalene	12.01	142	516030	18.993	ng/ul	100

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35) 1-Methylnaphthalene	12.23	142	492881	18.191	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.39	216	266418	18.699	ng/ul	99
38) Hexachlorocyclopentadiene	12.37	237	172349	17.726	ng/ul	99
39) 2,4,6-Trichlorophenol	12.63	196	170742	18.850	ng/ul	99
40) 2,4,5-Trichlorophenol	12.70	196	188886	19.158	ng/ul	98
41) 1,1'-Biphenyl	13.04	154	679602	18.881	ng/ul	99
42) 2-Chloronaphthalene	13.07	162	519042	18.309	ng/ul	100
43) 2-Nitroaniline	13.28	65	136648	19.287	ng/ul	96
45) Dimethylphthalate	13.67	163	633445	17.775	ng/ul	99
46) 2,6-Dinitrotoluene	13.79	165	126846	18.097	ng/ul	98
48) Acenaphthylene	13.93	152	793896	17.871	ng/ul	99
49) 3-Nitroaniline	14.12	138	124266	19.651	ng/ul	95
50) Acenaphthene	14.27	153	548755	18.171	ng/ul	99
51) 2,4-Dinitrophenol	14.32	184	87543	20.818	ng/ul	95
53) 4-Nitrophenol	14.43	109	136398	26.770	ng/ul	98
54) Dibenzofuran	14.61	168	800522	18.686	ng/ul	98
55) 2,4-Dinitrotoluene	14.58	165	192048	18.740	ng/ul	97
56) 2,3,4,6-Tetrachlorophenol	14.85	232	166336	18.614	ng/ul	99
57) Diethylphthalate	15.06	149	632787	17.323	ng/ul	99
59) Fluorene	15.26	166	655077	18.179	ng/ul	100
60) 4-Chlorophenyl-phenylether	15.27	204	324999	17.622	ng/ul	98
61) 4-Nitroaniline	15.28	138	141828	18.849	ng/ul	96
64) 4,6-Dinitro-2-methylphenol	15.35	198	104680	16.121	ng/ul	93
65) N-Nitrosodiphenylamine	15.48	169	568406	18.900	ng/ul	99
66) 4-Bromophenyl-phenylether	16.16	248	220321	18.357	ng/ul	99
67) Hexachlorobenzene	16.27	284	261457	17.742	ng/ul	99
68) Atrazine	16.44	200	195600	17.245	ng/ul	99
69) Pentachlorophenol	16.62	266	210560	24.465	ng/ul	98
70) Phenanthrene	17.00	178	1043652	18.218	ng/ul	100
72) Anthracene	17.09	178	1071167	18.348	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.00	216	268028	17.973	ng/uL	99
74) Pentachlorobenzene	14.54	250	288042	17.352	ng/uL	98
75) Carbazole	17.36	167	957996	18.777	ng/ul	99
76) Di-n-butylphthalate	17.94	149	1039295	17.446	ng/ul	100
77) Fluoranthene	19.02	202	1212433	17.956	ng/ul	100
80) Pyrene	19.38	202	1251437	18.317	ng/ul	100
81) Butylbenzylphthalate	20.30	149	479581	18.431	ng/ul	100
82) 3,3'-Dichlorobenzidine	21.07	252	400775	17.339	ng/ul	97
83) Benzo(a)anthracene	21.13	228	1292483	19.272	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.09	149	700696	17.361	ng/ul	99
85) Chrysene	21.19	228	1192345	18.121	ng/ul	100
87) Di-n-octyl phthalate	21.95	149	1162148	16.153	ng/ul	100
88) Benzo(b)fluoranthene	22.66	252	1412576	18.856	ng/ul	99
89) Benzo(k)fluoranthene	22.70	252	1299182	17.604	ng/ul	100
91) Benzo(a)pyrene	23.21	252	1314568	19.282	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.43	276	1617192	17.962	ng/ul	99
93) Dibenzo(a,h)anthracene	25.44	278	1360330	17.843	ng/ul	100
94) Benzo(g,h,i)perylene	26.07	276	1325254	17.860	ng/ul	100

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

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