Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032020\
Data File : BM025663.D
Acq On : 20 Mar 2020 16:25
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02052

Manual Integrations APPROVED
mohammad
3/23/2020 9:41:56 AM

Quant Time: Mar 20 17:08:02 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031420MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 20 11:44:27 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	225275	20.00	ng/ul	0.00
18) Naphthalene-d8	10.35	136	924377	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.22	164	561895	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.96	188	1163465	20.00	ng/ul	0.00
78) Chrysene-d12	21.16	240	1139258	20.00	ng/ul	0.00
86) Perylene-d12	23.31	264	1346741	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.14	96	42500	7.91	ng/uL	0.00
5) Phenol-d5	6.76	99	375274	21.11	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.92	67	211125	20.80	ng/ul	0.00
9) 2-Chlorophenol-d4	7.12	132	314602	21.80	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	310012	21.22	ng/ul	0.00
19) Nitrobenzene-d5	8.72	128	153063	22.28	ng/ul	0.00
22) 2-Nitrophenol-d4	9.43	143	162240	22.21	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.98	165	320503	21.46	ng/ul	0.00
29) 4-Chloroaniline-d4	10.48	131	372471	21.48	ng/ul	0.00
44) Dimethylphthalate-d6	13.63	166	864656	20.25	ng/ul	0.00
47) Acenaphthylene-d8	13.90	160	1101524	21.53	ng/ul	0.00
52) 4-Nitrophenol-d4	14.42	143	166056	20.42	ng/ul	0.00
58) Fluorene-d10	15.22	176	765206	20.41	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.34	200	124499	17.54	ng/ul	0.00
71) Anthracene-d10	17.06	188	1154545	21.25	ng/ul	0.00
79) Pyrene-d10	19.36	212	1216944	22.24	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.17	264	1450967	21.04	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.18	88	44310	7.664	ng/uL#	94
4) Benzaldehyde	6.73	77	142208	15.102	ng/ul	98
6) Phenol	6.79	94	389298	20.968	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.02	93	304733	20.726	ng/ul	99
10) 2-Chlorophenol	7.15	128	327279	21.546	ng/ul	99
11) 2-Methylphenol	8.02	108	298926	21.042	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.12	45	401758	20.479	ng/ul	97
14) Acetophenone	8.39	105	462462	20.523	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.39	70	235222	20.837	ng/ul	97
16) 4-Methylphenol	8.35	108	321695	20.743	ng/ul	98
17) Hexachloroethane	8.65	117	133647	21.164	ng/ul	98
20) Nitrobenzene	8.76	77	353691	21.131	ng/ul	100
21) Isophorone	9.29	82	648881	20.993	ng/ul	99
23) 2-Nitrophenol	9.47	139	179350	21.864	ng/ul	96
24) 2,4-Dimethylphenol	9.54	107	350699	21.083	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.78	93	403130	20.349	ng/ul	99
27) 2,4-Dichlorophenol	10.00	162	316780	21.376	ng/ul	99
28) Naphthalene	10.39	128	1052234	20.901	ng/ul	99
30) 4-Chloroaniline	10.50	127	370968	21.080	ng/ul	98
31) Hexachlorobutadiene	10.69	225	193170	19.952	ng/ul	98
32) Caprolactam	11.26	113	96765m	19.746	ng/ul	
33) 4-Chloro-3-methylphenol	11.64	107	323175	20.978	ng/ul	98
34) 2-Methylnaphthalene	12.02	142	732024	20.358	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.23	142	724562	20.206	ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.39	216	368664	20.744	ng/ul	97
38) Hexachlorocyclopentadiene	12.38	237	182057	15.011	ng/ul	97
39) 2,4,6-Trichlorophenol	12.64	196	244912	21.677	ng/ul	99
40) 2,4,5-Trichlorophenol	12.71	196	265625	21.599	ng/ul	98
41) 1,1'-Biphenyl	13.05	154	941877	20.979	ng/ul	99
42) 2-Chloronaphthalene	13.08	162	749906	21.207	ng/ul	99
43) 2-Nitroaniline	13.29	65	198458	22.456	ng/ul	98
45) Dimethylphthalate	13.69	163	900296	20.253	ng/ul	100
46) 2,6-Dinitrotoluene	13.79	165	192818	22.054	ng/ul	96
48) Acenaphthylene	13.93	152	1180956	21.312	ng/ul	100
49) 3-Nitroaniline	14.12	138	168337	21.341	ng/ul	98
50) Acenaphthene	14.28	153	800203	21.243	ng/ul	98
51) 2,4-Dinitrophenol	14.33	184	80060	15.263	ng/ul	94
53) 4-Nitrophenol	14.44	109	122159	19.221	ng/ul	96
54) Dibenzofuran	14.62	168	1091478	20.425	ng/ul	99
55) 2,4-Dinitrotoluene	14.59	165	269877	21.113	ng/ul	97
56) 2,3,4,6-Tetrachlorophenol	14.85	232	233591	20.956	ng/ul#	99
57) Diethylphthalate	15.06	149	883939	19.400	ng/ul	99
59) Fluorene	15.27	166	916829	20.397	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.27	204	451427	19.623	ng/ul	98
61) 4-Nitroaniline	15.29	138	196799	20.968	ng/ul	96
64) 4,6-Dinitro-2-methylphenol	15.35	198	139994	18.034	ng/ul#	95
65) N-Nitrosodiphenylamine	15.49	169	771603	21.461	ng/ul	99
66) 4-Bromophenyl-phenylether	16.16	248	301329	21.001	ng/ul	98
67) Hexachlorobenzene	16.28	284	362422	20.572	ng/ul	99
68) Atrazine	16.45	200	274136	20.217	ng/ul	99
69) Pentachlorophenol	16.62	266	252070	24.499	ng/ul	98
70) Phenanthrene	17.00	178	1439611	21.021	ng/ul	99
72) Anthracene	17.10	178	1477618	21.171	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.00	216	396209	22.224	ng/uL	99
74) Pentachlorobenzene	14.55	250	425162	21.424	ng/uL	99
75) Carbazole	17.36	167	1275697	20.915	ng/ul	99
76) Di-n-butylphthalate	17.95	149	1492523	20.958	ng/ul	99
77) Fluoranthene	19.03	202	1632214	20.220	ng/ul	98
80) Pyrene	19.39	202	1679513	21.950	ng/ul	98
81) Butylbenzylphthalate	20.31	149	661789	22.710	ng/ul	99
82) 3,3'-Dichlorobenzidine	21.08	252	459170	17.738	ng/ul	97
83) Benzo(a)anthracene	21.14	228	1597171	21.264	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.10	149	956447	21.159	ng/ul#	99
85) Chrysene	21.19	228	1548859	21.018	ng/ul	99
87) Di-n-octyl phthalate	21.96	149	1633469	20.242	ng/ul	100
88) Benzo(b)fluoranthene	22.67	252	1706519	20.309	ng/ul	100
89) Benzo(k)fluoranthene	22.72	252	1721825	20.801	ng/ul	100
91) Benzo(a)pyrene	23.22	252	1598741	20.907	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.44	276	2092089	20.716	ng/ul	99
93) Dibenzo(a,h)anthracene	25.46	278	1771315	20.713	ng/ul	100
94) Benzo(g,h,i)perylene	26.09	276	1730338	20.790	ng/ul	99

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

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