Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM012120\
Data File : BM024570.D
Acq On : 21 Jan 2020 19:19
Operator : JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02007

Manual Integrations APPROVED
mohammad
1/23/2020 7:57:42 AM

Quant Time: Jan 22 03:06:17 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011520MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 22 02:05:31 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	192224	20.00	ng/ul	0.00
18) Naphthalene-d8	10.21	136	853681	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.10	164	624431	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.85	188	1509037	20.00	ng/ul	0.00
78) Chrysene-d12	21.06	240	1512479	20.00	ng/ul	0.00
86) Perylene-d12	23.17	264	1334779	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.06	96	32046	8.15	ng/uL	0.00
5) Phenol-d5	6.65	99	285212	20.02	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.80	67	149848	18.93	ng/ul	0.00
9) 2-Chlorophenol-d4	6.99	132	253262	20.81	ng/ul	0.00
13) 4-Methylphenol-d8	8.17	113	250262	19.05	ng/ul	0.00
19) Nitrobenzene-d5	8.59	128	130894	21.82	ng/ul	0.00
22) 2-Nitrophenol-d4	9.30	143	150166	23.12	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.84	165	308978	21.13	ng/ul	0.00
29) 4-Chloroaniline-d4	10.35	131	348628	21.45	ng/ul	0.00
44) Dimethylphthalate-d6	13.52	166	999565	20.43	ng/ul	0.00
47) Acenaphthylene-d8	13.79	160	1124580	19.97	ng/ul	0.00
52) 4-Nitrophenol-d4	14.32	143	167710	20.54	ng/ul	0.00
58) Fluorene-d10	15.10	176	873015	20.27	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.23	200	168976	19.62	ng/ul	0.00
71) Anthracene-d10	16.95	188	1418479	20.21	ng/ul	0.00
79) Pyrene-d10	19.25	212	1700223	21.03	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.04	264	1412375	20.40	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.09	88	29348	7.185	ng/uL	99
4) Benzaldehyde	6.60	77	114018	15.089	ng/ul	97
6) Phenol	6.67	94	295676	20.422	ng/ul	95
8) Bis(2-Chloroethyl)ether	6.89	93	227199	20.035	ng/ul	99
10) 2-Chlorophenol	7.02	128	268617	22.057	ng/ul	99
11) 2-Methylphenol	7.90	108	238025	20.058	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	7.99	45	261882	19.541	ng/ul	99
14) Acetophenone	8.26	105	408291	19.799	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.26	70	198209	20.330	ng/ul	100
16) 4-Methylphenol	8.23	108	268034	20.284	ng/ul	98
17) Hexachloroethane	8.52	117	114605	21.087	ng/ul	95
20) Nitrobenzene	8.63	77	295232	20.338	ng/ul	95
21) Isophorone	9.16	82	565544	19.788	ng/ul	99
23) 2-Nitrophenol	9.34	139	167876	23.635	ng/ul	95
24) 2,4-Dimethylphenol	9.42	107	323266	20.969	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.65	93	330443	20.095	ng/ul	98
27) 2,4-Dichlorophenol	9.87	162	311115	21.932	ng/ul	95
28) Naphthalene	10.26	128	893599	20.432	ng/ul	100
30) 4-Chloroaniline	10.37	127	365420	22.871	ng/ul	99
31) Hexachlorobutadiene	10.57	225	233147	20.649	ng/ul	98
32) Caprolactam	11.13	113	88270m	20.657	ng/ul	
33) 4-Chloro-3-methylphenol	11.52	107	314609	21.338	ng/ul	98
34) 2-Methylnaphthalene	11.89	142	716700	21.119	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.11	142	686905	19.966 ng/ul	100
37) 1,2,4,5-Tetrachlorobenzene	12.27	216	457641	22.276 ng/ul	97
38) Hexachlorocyclopentadiene	12.26	237	188368	12.678 ng/ul	97
39) 2,4,6-Trichlorophenol	12.52	196	291414	23.185 ng/ul	99
40) 2,4,5-Trichlorophenol	12.59	196	315933	23.477 ng/ul	98
41) 1,1'-Biphenyl	12.93	154	974652	21.499 ng/ul	99
42) 2-Chloronaphthalene	12.96	162	769391	21.097 ng/ul	99
43) 2-Nitroaniline	13.17	65	202360	24.219 ng/ul	98
45) Dimethylphthalate	13.57	163	1025184	20.613 ng/ul	100
46) 2,6-Dinitrotoluene	13.68	165	212338	22.688 ng/ul	96
48) Acenaphthylene	13.82	152	1175780	20.441 ng/ul	99
49) 3-Nitroaniline	14.00	138	188079	24.374 ng/ul	98
50) Acenaphthene	14.16	153	815032	20.935 ng/ul	100
51) 2,4-Dinitrophenol	14.22	184	107679	21.057 ng/ul	96
53) 4-Nitrophenol	14.33	109	165708	21.823 ng/ul	95
54) Dibenzofuran	14.50	168	1229851	21.564 ng/ul	100
55) 2,4-Dinitrotoluene	14.47	165	317349	22.679 ng/ul#	98
56) 2,3,4,6-Tetrachlorophenol	14.74	232	304260	23.296 ng/ul	96
57) Diethylphthalate	14.96	149	1044308	20.449 ng/ul	100
59) Fluorene	15.16	166	1000759	20.754 ng/ul	97
60) 4-Chlorophenyl-phenylether	15.16	204	569520	20.706 ng/ul	98
61) 4-Nitroaniline	15.17	138	220159	23.921 ng/ul	96
64) 4,6-Dinitro-2-methylphenol	15.24	198	187756	20.609 ng/ul#	95
65) N-Nitrosodiphenylamine	15.37	169	881471	21.031 ng/ul	99
66) 4-Bromophenyl-phenylether	16.06	248	375556	20.993 ng/ul	99
67) Hexachlorobenzene	16.17	284	427228	20.795 ng/ul	96
68) Atrazine	16.34	200	366154	20.759 ng/ul	98
69) Pentachlorophenol	16.51	266	267710	21.887 ng/ul	99
70) Phenanthrene	16.89	178	1670277	20.524 ng/ul	99
72) Anthracene	16.99	178	1705607	20.552 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	12.89	216	462962	21.575 ng/uL	99
74) Pentachlorobenzene	14.43	250	482673	21.248 ng/uL	99
75) Carbazole	17.26	167	1515314	21.701 ng/ul	98
76) Di-n-butylphthalate	17.85	149	1822927	20.766 ng/ul	99
77) Fluoranthene	18.92	202	2115723	21.271 ng/ul	99
80) Pyrene	19.29	202	2164348	20.903 ng/ul	99
81) Butylbenzylphthalate	20.22	149	864258	23.767 ng/ul	98
82) 3,3'-Dichlorobenzidine	20.99	252	652555	20.049 ng/ul	99
83) Benzo(a)anthracene	21.04	228	2213505	21.484 ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.02	149	1245027	21.629 ng/ul	100
85) Chrysene	21.10	228	2046389	20.612 ng/ul	99
87) Di-n-octyl phthalate	21.87	149	2096649	22.948 ng/ul	100
88) Benzo(b)fluoranthene	22.56	252	1888402	21.405 ng/ul	99
89) Benzo(k)fluoranthene	22.60	252	1854920	21.394 ng/ul	100
91) Benzo(a)pyrene	23.09	252	1688660	22.026 ng/ul	100
92) Indeno(1,2,3-cd)pyrene	25.25	276	1694281	21.121 ng/ul	98
93) Dibenzo(a,h)anthracene	25.26	278	1462413	21.480 ng/ul	98
94) Benzo(g,h,i)perylene	25.88	276	1278882	20.059 ng/ul	99

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

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