Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM123019\
Data File : BM024366.D
Acq On : 30 Dec 2019 10:38
Operator : JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02099

Manual Integrations APPROVED
mohammad
12/31/2019 8:28:17 AM

Quant Time: Dec 30 14:15:29 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 30 14:11:26 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.41	152	218563	20.00	ng/ul	0.00
18) Naphthalene-d8	10.17	136	903309	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.07	164	526402	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.83	188	1078781	20.00	ng/ul	0.00
78) Chrysene-d12	21.05	240	1064060	20.00	ng/ul	0.00
86) Perylene-d12	23.17	264	1263427	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.98	96	46127	9.32	ng/uL	0.00
5) Phenol-d5	6.61	99	358763	17.34	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.76	67	244924	19.73	ng/ul	0.00
9) 2-Chlorophenol-d4	6.95	132	274889	18.62	ng/ul	0.00
13) 4-Methylphenol-d8	8.13	113	274726	16.24	ng/ul	0.00
19) Nitrobenzene-d5	8.56	128	127202	19.60	ng/ul	0.00
22) 2-Nitrophenol-d4	9.28	143	136971	19.19	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.82	165	261711	18.86	ng/ul	0.00
29) 4-Chloroaniline-d4	10.33	131	323551	19.20	ng/ul	0.00
44) Dimethylphthalate-d6	13.50	166	725181	18.63	ng/ul	0.00
47) Acenaphthylene-d8	13.76	160	918253	19.69	ng/ul	0.00
52) 4-Nitrophenol-d4	14.33	143	100213	14.34	ng/ul	0.00
58) Fluorene-d10	15.07	176	635893	18.63	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.24	200	101012	15.35	ng/ul	0.00
71) Anthracene-d10	16.93	188	949649	19.35	ng/ul	0.00
79) Pyrene-d10	19.24	212	1012054	19.97	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.04	264	1214430	19.35	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.02	88	50113	9.144	ng/uL#	89
4) Benzaldehyde	6.57	77	275460	20.590	ng/ul	98
6) Phenol	6.64	94	383974	17.968	ng/ul	96
8) Bis(2-Chloroethyl)ether	6.86	93	306048	18.483	ng/ul	94
10) 2-Chlorophenol	6.98	128	283005	18.695	ng/ul	95
11) 2-Methylphenol	7.87	108	273901	17.239	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	7.95	45	377231	19.781	ng/ul	98
14) Acetophenone	8.23	105	444415	17.420	ng/ul	95
15) N-Nitroso-di-n-propylamine	8.22	70	251213	17.825	ng/ul	96
16) 4-Methylphenol	8.20	108	293166	16.619	ng/ul	94
17) Hexachloroethane	8.46	117	129253	20.687	ng/ul	99
20) Nitrobenzene	8.60	77	382741	21.213	ng/ul	96
21) Isophorone	9.13	82	641556	19.024	ng/ul	100
23) 2-Nitrophenol	9.31	139	155448	19.785	ng/ul#	88
24) 2,4-Dimethylphenol	9.39	107	328144	19.361	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.62	93	401890	19.183	ng/ul	99
27) 2,4-Dichlorophenol	9.85	162	255381	18.807	ng/ul	96
28) Naphthalene	10.22	128	920784	19.452	ng/ul	100
30) 4-Chloroaniline	10.36	127	326222	19.181	ng/ul	100
31) Hexachlorobutadiene	10.50	225	168139	20.030	ng/ul	99
32) Caprolactam	11.16	113	73839m	14.391	ng/ul	
33) 4-Chloro-3-methylphenol	11.50	107	293881	18.036	ng/ul	95
34) 2-Methylnaphthalene	11.85	142	612208	18.094	ng/ul	98

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35) 1-Methylnaphthalene	12.07	142	619716	17.945	ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.23	216	296616	20.844	ng/ul	99
38) Hexachlorocyclopentadiene	12.20	237	123264	19.225	ng/ul	98
39) 2,4,6-Trichlorophenol	12.49	196	189150	20.099	ng/ul	99
40) 2,4,5-Trichlorophenol	12.57	196	195514	19.271	ng/ul	99
41) 1,1'-Biphenyl	12.89	154	768473	19.558	ng/ul	99
42) 2-Chloronaphthalene	12.93	162	627065	20.312	ng/ul	99
43) 2-Nitroaniline	13.16	65	188966	20.877	ng/ul	90
45) Dimethylphthalate	13.55	163	752472	18.600	ng/ul	99
46) 2,6-Dinitrotoluene	13.67	165	148324	18.612	ng/ul	93
48) Acenaphthylene	13.79	152	980965	19.810	ng/ul	99
49) 3-Nitroaniline	14.01	138	139567	18.453	ng/ul	92
50) Acenaphthene	14.14	153	664297	19.510	ng/ul	99
51) 2,4-Dinitrophenol	14.24	184	66987	14.958	ng/ul	89
53) 4-Nitrophenol	14.34	109	87557	15.711	ng/ul	94
54) Dibenzofuran	14.48	168	899798	19.009	ng/ul	96
55) 2,4-Dinitrotoluene	14.48	165	219350	18.226	ng/ul#	77
56) 2,3,4,6-Tetrachlorophenol	14.72	232	165805	18.078	ng/ul	96
57) Diethylphthalate	14.93	149	773059	18.795	ng/ul	99
59) Fluorene	15.13	166	748859	18.734	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.13	204	360236	18.533	ng/ul	93
61) 4-Nitroaniline	15.18	138	132899	15.914	ng/ul	90
64) 4,6-Dinitro-2-methylphenol	15.25	198	110468	15.716	ng/ul	92
65) N-Nitrosodiphenylamine	15.36	169	616874	19.667	ng/ul	99
66) 4-Bromophenyl-phenylether	16.03	248	221239	19.294	ng/ul	98
67) Hexachlorobenzene	16.14	284	268819	19.146	ng/ul	97
68) Atrazine	16.33	200	213966	18.351	ng/ul	99
69) Pentachlorophenol	16.50	266	116795	15.874	ng/ul	95
70) Phenanthrene	16.87	178	1164281	19.278	ng/ul	99
72) Anthracene	16.97	178	1190517	19.607	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	12.86	216	292174	21.580	ng/uL	97
74) Pentachlorobenzene	14.40	250	304628	20.430	ng/uL	96
75) Carbazole	17.25	167	1014928	19.458	ng/ul	99
76) Di-n-butylphthalate	17.83	149	1258947	20.126	ng/ul	99
77) Fluoranthene	18.91	202	1318153	20.025	ng/ul	98
80) Pyrene	19.27	202	1378420	19.843	ng/ul	100
81) Butylbenzylphthalate	20.20	149	576580	21.068	ng/ul	98
82) 3,3'-Dichlorobenzidine	20.98	252	455809	19.297	ng/ul	100
83) Benzo(a)anthracene	21.04	228	1326597	19.568	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	20.99	149	868956	21.307	ng/ul	100
85) Chrysene	21.09	228	1306543	19.662	ng/ul	99
87) Di-n-octyl phthalate	21.84	149	1479870	21.679	ng/ul	100
88) Benzo(b)fluoranthene	22.55	252	1445784	19.125	ng/ul	100
89) Benzo(k)fluoranthene	22.59	252	1467313	19.782	ng/ul	99
91) Benzo(a)pyrene	23.09	252	1344977	19.667	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.27	276	1762217	21.460	ng/ul	99
93) Dibenzo(a,h)anthracene	25.27	278	1486510	21.592	ng/ul	99
94) Benzo(g,h,i)perylene	25.90	276	1475583	22.008	ng/ul	99

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

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