Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM123119\
Data File : BM024388.D
Acq On : 31 Dec 2019 09:50
Operator : JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02008

Manual Integrations APPROVED
mohammad
1/2/2020 8:40:48 AM

Quant Time: Dec 31 10:53:26 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 31 10:50:36 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	252079	20.00	ng/ul	0.00
18) Naphthalene-d8	10.17	136	1036409	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.07	164	619556	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.83	188	1277346	20.00	ng/ul	0.00
78) Chrysene-d12	21.05	240	1304033	20.00	ng/ul	0.00
86) Perylene-d12	23.17	264	1530660	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.98	96	59621	10.45	ng/uL	0.00
5) Phenol-d5	6.61	99	449792	18.85	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.76	67	296827	20.74	ng/ul	0.00
9) 2-Chlorophenol-d4	6.95	132	341348	20.05	ng/ul	0.00
13) 4-Methylphenol-d8	8.13	113	337518	17.30	ng/ul	0.00
19) Nitrobenzene-d5	8.56	128	157429	21.14	ng/ul	0.00
22) 2-Nitrophenol-d4	9.27	143	171246	20.91	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.81	165	318793	20.03	ng/ul	0.00
29) 4-Chloroaniline-d4	10.33	131	396860	20.53	ng/ul	0.00
44) Dimethylphthalate-d6	13.50	166	912265	19.91	ng/ul	0.00
47) Acenaphthylene-d8	13.76	160	1102477	20.08	ng/ul	0.00
52) 4-Nitrophenol-d4	14.33	143	133277	16.20	ng/ul	0.00
58) Fluorene-d10	15.07	176	795112	19.80	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.23	200	138863	17.82	ng/ul	0.00
71) Anthracene-d10	16.93	188	1213050	20.87	ng/ul	0.00
79) Pyrene-d10	19.24	212	1310423	21.10	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.04	264	1593097	20.95	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.01	88	58632	9.276	ng/uL	89
4) Benzaldehyde	6.57	77	281353	18.234	ng/ul	97
6) Phenol	6.63	94	473702	19.220	ng/ul	95
8) Bis(2-Chloroethyl)ether	6.85	93	366794	19.206	ng/ul	91
10) 2-Chlorophenol	6.97	128	357041	20.450	ng/ul	95
11) 2-Methylphenol	7.87	108	330955	18.060	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	7.95	45	457567	20.803	ng/ul	98
14) Acetophenone	8.23	105	534706	18.173	ng/ul	94
15) N-Nitroso-di-n-propylamine	8.22	70	310949	19.130	ng/ul	96
16) 4-Methylphenol	8.20	108	365229	17.952	ng/ul	98
17) Hexachloroethane	8.46	117	154955	21.503	ng/ul	95
20) Nitrobenzene	8.60	77	463571	22.394	ng/ul	97
21) Isophorone	9.13	82	783836	20.258	ng/ul	98
23) 2-Nitrophenol	9.30	139	185964	20.629	ng/ul#	85
24) 2,4-Dimethylphenol	9.38	107	407299	20.945	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.61	93	488904	20.339	ng/ul	99
27) 2,4-Dichlorophenol	9.84	162	316885	20.340	ng/ul	98
28) Naphthalene	10.22	128	1104404	20.335	ng/ul	100
30) 4-Chloroaniline	10.35	127	418071	21.424	ng/ul	100
31) Hexachlorobutadiene	10.50	225	200094	20.775	ng/ul	96
32) Caprolactam	11.15	113	93046m	15.805	ng/ul	
33) 4-Chloro-3-methylphenol	11.50	107	363470	19.442	ng/ul	97
34) 2-Methylnaphthalene	11.85	142	762246	19.635	ng/ul	100

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35) 1-Methylnaphthalene	12.07	142	742367	18.735	ng/ul	97
37) 1,2,4,5-Tetrachlorobenzene	12.23	216	370482	22.121	ng/ul	98
38) Hexachlorocyclopentadiene	12.20	237	124860	16.546	ng/ul	95
39) 2,4,6-Trichlorophenol	12.49	196	236315	21.335	ng/ul	97
40) 2,4,5-Trichlorophenol	12.57	196	241568	20.231	ng/ul	99
41) 1,1'-Biphenyl	12.89	154	975007	21.083	ng/ul	100
42) 2-Chloronaphthalene	12.93	162	765667	21.073	ng/ul	99
43) 2-Nitroaniline	13.16	65	246860	23.173	ng/ul	88
45) Dimethylphthalate	13.55	163	933395	19.603	ng/ul	99
46) 2,6-Dinitrotoluene	13.67	165	183507	19.565	ng/ul	88
48) Acenaphthylene	13.79	152	1181528	20.272	ng/ul	100
49) 3-Nitroaniline	14.00	138	178939	20.102	ng/ul	92
50) Acenaphthene	14.13	153	818537	20.426	ng/ul	100
51) 2,4-Dinitrophenol	14.24	184	100517	19.071	ng/ul	93
53) 4-Nitrophenol	14.34	109	119473	18.214	ng/ul	93
54) Dibenzofuran	14.47	168	1138116	20.429	ng/ul	95
55) 2,4-Dinitrotoluene	14.48	165	280761	19.822	ng/ul#	81
56) 2,3,4,6-Tetrachlorophenol	14.72	232	210882	19.535	ng/ul#	93
57) Diethylphthalate	14.93	149	958240	19.795	ng/ul	99
59) Fluorene	15.13	166	934183	19.856	ng/ul	100
60) 4-Chlorophenyl-phenylether	15.13	204	449656	19.655	ng/ul	96
61) 4-Nitroaniline	15.18	138	177468	18.056	ng/ul	92
64) 4,6-Dinitro-2-methylphenol	15.25	198	148939	17.895	ng/ul	93
65) N-Nitrosodiphenylamine	15.35	169	789319	21.253	ng/ul	99
66) 4-Bromophenyl-phenylether	16.03	248	281394	20.725	ng/ul	96
67) Hexachlorobenzene	16.14	284	336434	20.237	ng/ul	98
68) Atrazine	16.32	200	267172	19.352	ng/ul	99
69) Pentachlorophenol	16.50	266	155831	17.887	ng/ul	98
70) Phenanthrene	16.87	178	1469578	20.550	ng/ul	99
72) Anthracene	16.96	178	1493278	20.771	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	12.85	216	367170	22.903	ng/uL	100
74) Pentachlorobenzene	14.40	250	383721	21.733	ng/uL	97
75) Carbazole	17.24	167	1305214	21.134	ng/ul	99
76) Di-n-butylphthalate	17.82	149	1588757	21.450	ng/ul	99
77) Fluoranthene	18.90	202	1675326	21.494	ng/ul	100
80) Pyrene	19.27	202	1743155	20.476	ng/ul	99
81) Butylbenzylphthalate	20.20	149	747384	22.284	ng/ul	93
82) 3,3'-Dichlorobenzidine	20.98	252	568660	19.644	ng/ul	99
83) Benzo(a)anthracene	21.04	228	1753851	21.109	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	20.99	149	1117327	22.355	ng/ul	98
85) Chrysene	21.09	228	1677756	20.602	ng/ul	99
87) Di-n-octyl phthalate	21.84	149	1887234	22.820	ng/ul	100
88) Benzo(b)fluoranthene	22.55	252	1913743	20.896	ng/ul	100
89) Benzo(k)fluoranthene	22.59	252	1853244	20.623	ng/ul	99
91) Benzo(a)pyrene	23.09	252	1812764	21.879	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.27	276	2279129	22.909	ng/ul	99
93) Dibenzo(a,h)anthracene	25.27	278	1917218	22.986	ng/ul	99
94) Benzo(g,h,i)perylene	25.90	276	1905430	23.457	ng/ul	99

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

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