Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122819\
Data File : BM024364.D
Acq On : 29 Dec 2019 00:00
Operator : JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02004

Quant Time: Dec 29 00:59:48 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Dec 29 00:45:10 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.41	152	263797	20.00	ng/ul	0.00
18) Naphthalene-d8	10.17	136	1058379	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.07	164	603047	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.83	188	1245258	20.00	ng/ul	0.00
78) Chrysene-d12	21.05	240	1206394	20.00	ng/ul	0.00
86) Perylene-d12	23.17	264	1421051	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.99	96	54113	9.06	ng/uL	0.00
5) Phenol-d5	6.62	99	431570	17.28	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.77	67	281289	18.78	ng/ul	0.00
9) 2-Chlorophenol-d4	6.95	132	336195	18.87	ng/ul	0.00
13) 4-Methylphenol-d8	8.14	113	334670	16.39	ng/ul	0.00
19) Nitrobenzene-d5	8.57	128	157307	20.68	ng/ul	0.00
22) 2-Nitrophenol-d4	9.28	143	167828	20.07	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.82	165	309153	19.02	ng/ul	0.00
29) 4-Chloroaniline-d4	10.33	131	380837	19.29	ng/ul	0.00
44) Dimethylphthalate-d6	13.50	166	836223	18.75	ng/ul	0.00
47) Acenaphthylene-d8	13.76	160	1079930	20.21	ng/ul	0.00
52) 4-Nitrophenol-d4	14.33	143	125979	15.73	ng/ul	0.00
58) Fluorene-d10	15.08	176	745266	19.06	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.24	200	105641	13.91	ng/ul	0.00
71) Anthracene-d10	16.93	188	1117850	19.73	ng/ul	0.00
79) Pyrene-d10	19.24	212	1161063	20.20	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.04	264	1399732	19.83	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.02	88	57819	8.741	ng/uL	90
4) Benzaldehyde	6.57	77	326913	20.246	ng/ul	99
6) Phenol	6.64	94	456979	17.718	ng/ul	97
8) Bis(2-Chloroethyl)ether	6.86	93	361469	18.086	ng/ul	97
10) 2-Chlorophenol	6.98	128	344898	18.877	ng/ul	96
11) 2-Methylphenol	7.87	108	329391	17.176	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	7.94	45	439900	19.111	ng/ul	98
14) Acetophenone	8.24	105	518862	16.851	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.23	70	289825	17.038	ng/ul	98
16) 4-Methylphenol	8.20	108	348220	16.355	ng/ul	95
17) Hexachloroethane	8.46	117	153039	20.293	ng/ul	97
20) Nitrobenzene	8.61	77	437785	20.709	ng/ul	98
21) Isophorone	9.13	82	744142	18.833	ng/ul	100
23) 2-Nitrophenol	9.31	139	185588	20.160	ng/ul	90
24) 2,4-Dimethylphenol	9.39	107	389955	19.636	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.62	93	465661	18.970	ng/ul	99
27) 2,4-Dichlorophenol	9.85	162	305986	19.232	ng/ul	98
28) Naphthalene	10.23	128	1076436	19.409	ng/ul	99
30) 4-Chloroaniline	10.36	127	385133	19.327	ng/ul	99
31) Hexachlorobutadiene	10.51	225	195842	19.912	ng/ul	100
32) Caprolactam	11.16	113	87140	14.495	ng/ul	98
33) 4-Chloro-3-methylphenol	11.50	107	342134	17.921	ng/ul	99
34) 2-Methylnaphthalene	11.86	142	715474	18.048	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.08	142	716046	17.696	ng/ul	97
37) 1,2,4,5-Tetrachlorobenzene	12.24	216	338490	20.764	ng/ul	100
38) Hexachlorocyclopentadiene	12.21	237	128948	17.555	ng/ul	96
39) 2,4,6-Trichlorophenol	12.49	196	223485	20.729	ng/ul	99
40) 2,4,5-Trichlorophenol	12.57	196	238096	20.486	ng/ul	97
41) 1,1'-Biphenyl	12.90	154	914158	20.308	ng/ul	100
42) 2-Chloronaphthalene	12.93	162	725361	20.510	ng/ul	99
43) 2-Nitroaniline	13.16	65	214609	20.697	ng/ul	94
45) Dimethylphthalate	13.55	163	872027	18.816	ng/ul	100
46) 2,6-Dinitrotoluene	13.67	165	176305	19.312	ng/ul	95
48) Acenaphthylene	13.79	152	1138053	20.061	ng/ul	99
49) 3-Nitroaniline	14.01	138	167544	19.337	ng/ul	93
50) Acenaphthene	14.14	153	763786	19.581	ng/ul	99
51) 2,4-Dinitrophenol	14.24	184	71061	13.851	ng/ul	94
53) 4-Nitrophenol	14.34	109	102815	16.104	ng/ul	94
54) Dibenzofuran	14.48	168	1046796	19.304	ng/ul	98
55) 2,4-Dinitrotoluene	14.48	165	263304	19.098	ng/ul#	81
56) 2,3,4,6-Tetrachlorophenol	14.72	232	192287	18.300	ng/ul#	96
57) Diethylphthalate	14.93	149	886596	18.816	ng/ul	99
59) Fluorene	15.13	166	864839	18.886	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.14	204	416871	18.721	ng/ul	97
61) 4-Nitroaniline	15.18	138	169614	17.729	ng/ul	96
64) 4,6-Dinitro-2-methylphenol	15.25	198	114423	14.103	ng/ul#	91
65) N-Nitrosodiphenylamine	15.36	169	718944	19.857	ng/ul	99
66) 4-Bromophenyl-phenylether	16.03	248	256919	19.410	ng/ul	98
67) Hexachlorobenzene	16.14	284	314718	19.418	ng/ul	99
68) Atrazine	16.33	200	252476	18.759	ng/ul	99
69) Pentachlorophenol	16.50	266	141144	16.619	ng/ul	99
70) Phenanthrene	16.87	178	1359923	19.507	ng/ul	100
72) Anthracene	16.97	178	1368639	19.528	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	12.86	216	341334	21.840	ng/uL	98
74) Pentachlorobenzene	14.40	250	353776	20.554	ng/uL	97
75) Carbazole	17.25	167	1177537	19.558	ng/ul	99
76) Di-n-butylphthalate	17.83	149	1490856	20.647	ng/ul	99
77) Fluoranthene	18.91	202	1527212	20.099	ng/ul	99
80) Pyrene	19.27	202	1588700	20.172	ng/ul	99
81) Butylbenzylphthalate	20.20	149	696283	22.441	ng/ul	99
82) 3,3'-Dichlorobenzidine	20.98	252	568869	21.242	ng/ul	98
83) Benzo(a)anthracene	21.03	228	1525447	19.846	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	20.99	149	1038088	22.451	ng/ul	100
85) Chrysene	21.09	228	1470881	19.524	ng/ul	99
87) Di-n-octyl phthalate	21.84	149	1764379	22.980	ng/ul	100
88) Benzo(b)fluoranthene	22.54	252	1699460	19.987	ng/ul	99
89) Benzo(k)fluoranthene	22.59	252	1594950	19.118	ng/ul	100
91) Benzo(a)pyrene	23.08	252	1545376	20.091	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.27	276	2016434	21.832	ng/ul	99
93) Dibenzo(a,h)anthracene	25.27	278	1694756	21.886	ng/ul	99
94) Benzo(g,h,i)perylene	25.90	276	1691082	22.424	ng/ul	99

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

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