Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112719\
Data File : BM023934.D
Acq On : 28 Nov 2019 04:08
Operator : JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02012

Manual Integrations APPROVED
Sohil
11/29/2019 8:45:53 AM

Quant Time: Nov 28 04:42:03 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 28 00:24:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.49	152	445845	20.00	ng/ul	0.00
18) Naphthalene-d8	10.26	136	1851079	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.15	164	1095746	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.90	188	2048056	20.00	ng/ul	0.00
78) Chrysene-d12	21.11	240	1801400	20.00	ng/ul	0.00
86) Perylene-d12	23.25	264	2138404	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.03	96	81512	8.13	ng/uL	0.00
5) Phenol-d5	6.68	99	751328	19.23	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.84	67	447198	19.68	ng/ul	0.00
9) 2-Chlorophenol-d4	7.03	132	590650	19.56	ng/ul	0.00
13) 4-Methylphenol-d8	8.21	113	597899	19.39	ng/ul	0.00
19) Nitrobenzene-d5	8.64	128	285551	19.87	ng/ul	0.00
22) 2-Nitrophenol-d4	9.36	143	322988	19.78	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.89	165	616463	19.93	ng/ul	0.00
29) 4-Chloroaniline-d4	10.40	131	722079	21.28	ng/ul	0.00
44) Dimethylphthalate-d6	13.57	166	1619746	19.02	ng/ul	0.00
47) Acenaphthylene-d8	13.84	160	1980374	19.85	ng/ul	0.00
52) 4-Nitrophenol-d4	14.38	143	248935	17.39	ng/ul	0.00
58) Fluorene-d10	15.15	176	1381119	19.28	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.29	200	230983	17.97	ng/ul	0.00
71) Anthracene-d10	17.00	188	1928037	19.71	ng/ul	0.00
79) Pyrene-d10	19.31	212	1878369	20.18	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.12	264	2199910	19.46	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.06	88	84170	7.832	ng/uL	96
4) Benzaldehyde	6.65	77	329757	16.024	ng/ul	98
6) Phenol	6.70	94	791361	19.687	ng/ul	99
8) Bis(2-Chloroethyl)ether	6.93	93	627923	20.090	ng/ul	99
10) 2-Chlorophenol	7.06	128	625070	20.226	ng/ul	98
11) 2-Methylphenol	7.94	108	585579	19.529	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.03	45	680063	20.039	ng/ul	99
14) Acetophenone	8.31	105	960436	20.377	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.30	70	514800	20.427	ng/ul	99
16) 4-Methylphenol	8.27	108	645979	19.796	ng/ul	98
17) Hexachloroethane	8.55	117	255121	20.013	ng/ul	94
20) Nitrobenzene	8.68	77	719903	20.626	ng/ul	97
21) Isophorone	9.21	82	1346122	20.316	ng/ul	99
23) 2-Nitrophenol	9.39	139	359163	20.789	ng/ul	99
24) 2,4-Dimethylphenol	9.46	107	706480	20.265	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.69	93	854129	20.547	ng/ul	100
27) 2,4-Dichlorophenol	9.92	162	605578	20.379	ng/ul	97
28) Naphthalene	10.31	128	1996776	20.461	ng/ul	99
30) 4-Chloroaniline	10.43	127	759636	21.753	ng/ul	100
31) Hexachlorobutadiene	10.60	225	380922	20.301	ng/ul	99
32) Caprolactam	11.22	113	157784m	17.584	ng/ul	
33) 4-Chloro-3-methylphenol	11.57	107	626211	19.911	ng/ul	98
34) 2-Methylnaphthalene	11.94	142	1431843	20.207	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.16	142	1379480	19.829	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.32	216	721007	21.096	ng/ul	98
38) Hexachlorocyclopentadiene	12.29	237	282962	17.767	ng/ul	99
39) 2,4,6-Trichlorophenol	12.57	196	464418	20.859	ng/ul	100
40) 2,4,5-Trichlorophenol	12.65	196	494155	20.878	ng/ul	98
41) 1,1'-Biphenyl	12.97	154	1851380	20.912	ng/ul	99
42) 2-Chloronaphthalene	13.01	162	1410217	20.817	ng/ul	98
43) 2-Nitroaniline	13.23	65	361740	20.544	ng/ul	99
45) Dimethylphthalate	13.62	163	1649533	19.792	ng/ul	100
46) 2,6-Dinitrotoluene	13.74	165	329067	20.181	ng/ul	98
48) Acenaphthylene	13.87	152	2095491	20.767	ng/ul	100
49) 3-Nitroaniline	14.07	138	273252	17.919	ng/ul	100
50) Acenaphthene	14.22	153	1463993	20.423	ng/ul	99
51) 2,4-Dinitrophenol	14.29	184	127497	14.668	ng/ul	98
53) 4-Nitrophenol	14.39	109	188982	17.918	ng/ul	96
54) Dibenzofuran	14.55	168	2045245	20.166	ng/ul	100
55) 2,4-Dinitrotoluene	14.54	165	463042	19.523	ng/ul	97
56) 2,3,4,6-Tetrachlorophenol	14.79	232	410384	19.682	ng/ul	93
57) Diethylphthalate	15.00	149	1587673	19.038	ng/ul	99
59) Fluorene	15.20	166	1625670	19.875	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.21	204	811866	19.702	ng/ul	98
61) 4-Nitroaniline	15.24	138	266749	15.507	ng/ul	97
64) 4,6-Dinitro-2-methylphenol	15.30	198	249386	18.062	ng/ul#	95
65) N-Nitrosodiphenylamine	15.42	169	1378983	21.262	ng/ul	99
66) 4-Bromophenyl-phenylether	16.10	248	517005	20.706	ng/ul	97
67) Hexachlorobenzene	16.22	284	595960	20.593	ng/ul	96
68) Atrazine	16.39	200	440344	19.367	ng/ul	97
69) Pentachlorophenol	16.56	266	297550	18.144	ng/ul	98
70) Phenanthrene	16.94	178	2362184	20.417	ng/ul	99
72) Anthracene	17.04	178	2405657	20.480	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	12.93	216	700416	22.739	ng/uL	97
74) Pentachlorobenzene	14.47	250	714104	21.559	ng/uL	98
75) Carbazole	17.31	167	2017695	19.837	ng/ul	99
76) Di-n-butylphthalate	17.89	149	2369094	18.731	ng/ul	99
77) Fluoranthene	18.97	202	2459227	19.820	ng/ul	100
80) Pyrene	19.33	202	2526845	20.819	ng/ul	99
81) Butylbenzylphthalate	20.26	149	998766	19.369	ng/ul	95
82) 3,3'-Dichlorobenzidine	21.03	252	821911	18.045	ng/ul	98
83) Benzo(a)anthracene	21.09	228	2446987	20.323	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.04	149	1466896	19.140	ng/ul	100
85) Chrysene	21.14	228	2268332	20.061	ng/ul	100
87) Di-n-octyl phthalate	21.90	149	2412621	19.295	ng/ul	100
88) Benzo(b)fluoranthene	22.62	252	2700356	20.419	ng/ul	98
89) Benzo(k)fluoranthene	22.66	252	2534290	20.188	ng/ul	99
91) Benzo(a)pyrene	23.16	252	2554967	20.433	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.38	276	3260578	21.000	ng/ul	99
93) Dibenzo(a,h)anthracene	25.39	278	2747301	21.066	ng/ul	99
94) Benzo(g,h,i)perylene	26.03	276	2723448	20.945	ng/ul	98

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

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