Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102919\
Data File : BM023484.D
Acq On : 30 Oct 2019 16:27
Operator : JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02017

Quant Time: Oct 31 05:42:10 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 31 05:39:45 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	482454	20.00	ng/ul	-0.02
18) Naphthalene-d8	10.40	136	2010631	20.00	ng/ul	-0.02
36) Acenaphthene-d10	14.27	164	1250651	20.00	ng/ul	-0.02
62) Phenanthrene-d10	17.02	188	2605937	20.00	ng/ul	-0.02
78) Chrysene-d12	21.21	240	2721558	20.00	ng/ul	-0.02
86) Perylene-d12	23.40	264	3158651	20.00	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.15	96	82043	8.08	ng/uL	-0.01
5) Phenol-d5	6.80	99	792800	19.57	ng/ul	-0.02
7) Bis-(2-Chloroethyl)ether-d	6.96	67	466033	19.62	ng/ul	-0.02
9) 2-Chlorophenol-d4	7.16	132	627607	19.81	ng/ul	-0.02
13) 4-Methylphenol-d8	8.33	113	630021	19.14	ng/ul	-0.02
19) Nitrobenzene-d5	8.77	128	310129	20.49	ng/ul	-0.02
22) 2-Nitrophenol-d4	9.49	143	332126	19.78	ng/ul	-0.02
26) 2,4-Dichlorophenol-d3	10.02	165	641346	19.43	ng/ul	-0.02
29) 4-Chloroaniline-d4	10.53	131	766014	20.19	ng/ul	-0.02
44) Dimethylphthalate-d6	13.69	166	1857301	19.56	ng/ul	-0.02
47) Acenaphthylene-d8	13.96	160	2218930	20.39	ng/ul	-0.02
52) 4-Nitrophenol-d4	14.48	143	328093	19.94	ng/ul	-0.01
58) Fluorene-d10	15.26	176	1604269	19.95	ng/ul	-0.02
63) 4,6-Dinitro-2-methylphenol	15.39	200	280289	17.28	ng/ul	-0.02
71) Anthracene-d10	17.11	188	2497382	20.28	ng/ul	-0.02
79) Pyrene-d10	19.41	212	2742409	18.32	ng/ul	-0.02
90) Benzo(a)pyrene-d12	23.27	264	3233871	20.10	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.18	88	86494	8.002	ng/uL	98
4) Benzaldehyde	6.76	77	354514	15.196	ng/ul	97
6) Phenol	6.83	94	832004	19.940	ng/ul	95
8) Bis(2-Chloroethyl)ether	7.05	93	639883	19.667	ng/ul	100
10) 2-Chlorophenol	7.19	128	667144	20.103	ng/ul	100
11) 2-Methylphenol	8.06	108	617596	19.358	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.16	45	907204	19.526	ng/ul	99
14) Acetophenone	8.44	105	1009360	19.632	ng/ul	95
15) N-Nitroso-di-n-propylamine	8.43	70	526666	18.131	ng/ul	98
16) 4-Methylphenol	8.39	108	672157	19.218	ng/ul	99
17) Hexachloroethane	8.69	117	276167	19.995	ng/ul	97
20) Nitrobenzene	8.81	77	759192	20.477	ng/ul	98
21) Isophorone	9.34	82	1437329	19.350	ng/ul	99
23) 2-Nitrophenol	9.52	139	369327	20.130	ng/ul	98
24) 2,4-Dimethylphenol	9.59	107	744960	19.662	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.82	93	881872	19.304	ng/ul	97
27) 2,4-Dichlorophenol	10.05	162	636751	19.560	ng/ul	98
28) Naphthalene	10.45	128	2098518	20.363	ng/ul	99
30) 4-Chloroaniline	10.56	127	806307	20.490	ng/ul	98
31) Hexachlorobutadiene	10.74	225	412049	19.392	ng/ul	99
32) Caprolactam	11.33	113	204753	20.488	ng/ul	97
33) 4-Chloro-3-methylphenol	11.70	107	682116	19.004	ng/ul	98
34) 2-Methylnaphthalene	12.07	142	1532449	19.467	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.29	142	1469745	19.348	ng/ul	100
37) 1,2,4,5-Tetrachlorobenzene	12.44	216	800503	20.268	ng/ul	98
38) Hexachlorocyclopentadiene	12.43	237	449283	17.149	ng/ul	99
39) 2,4,6-Trichlorophenol	12.69	196	513247	19.944	ng/ul	99
40) 2,4,5-Trichlorophenol	12.76	196	547986	19.848	ng/ul	99
41) 1,1'-Biphenyl	13.10	154	1981711	20.434	ng/ul	100
42) 2-Chloronaphthalene	13.13	162	1529688	20.699	ng/ul	99
43) 2-Nitroaniline	13.34	65	413215	20.011	ng/ul	97
45) Dimethylphthalate	13.73	163	1880647	19.722	ng/ul	100
46) 2,6-Dinitrotoluene	13.84	165	375829	19.895	ng/ul	99
48) Acenaphthylene	13.99	152	2311070	20.492	ng/ul	99
49) 3-Nitroaniline	14.17	138	323148	18.932	ng/ul	99
50) Acenaphthene	14.33	153	1606027	20.244	ng/ul	100
51) 2,4-Dinitrophenol	14.39	184	243397	21.374	ng/ul	95
53) 4-Nitrophenol	14.49	109	255965	19.540	ng/ul	90
54) Dibenzofuran	14.67	168	2284283	20.106	ng/ul	99
55) 2,4-Dinitrotoluene	14.64	165	563235	20.568	ng/ul	98
56) 2,3,4,6-Tetrachlorophenol	14.90	232	486679	19.326	ng/ul	98
57) Diethylphthalate	15.11	149	1878967	19.534	ng/ul	100
59) Fluorene	15.32	166	1856993	20.046	ng/ul	100
60) 4-Chlorophenyl-phenylether	15.32	204	946541	19.332	ng/ul	99
61) 4-Nitroaniline	15.33	138	366674	19.245	ng/ul	97
64) 4,6-Dinitro-2-methylphenol	15.40	198	318947	17.903	ng/ul#	98
65) N-Nitrosodiphenylamine	15.53	169	1620585	19.714	ng/ul	99
66) 4-Bromophenyl-phenylether	16.22	248	634486	19.070	ng/ul	99
67) Hexachlorobenzene	16.33	284	739750	19.427	ng/ul	99
68) Atrazine	16.49	200	580898	19.336	ng/ul	98
69) Pentachlorophenol	16.67	266	404008	17.863	ng/ul	100
70) Phenanthrene	17.06	178	2975055	20.429	ng/ul	100
72) Anthracene	17.14	178	3042146	20.617	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.06	216	777655	19.918	ng/uL	98
74) Pentachlorobenzene	14.59	250	813459	19.444	ng/uL	99
75) Carbazole	17.42	167	2711997	21.802	ng/ul	100
76) Di-n-butylphthalate	18.00	149	3184868	20.399	ng/ul	99
77) Fluoranthene	19.08	202	3514567	23.137	ng/ul	100
80) Pyrene	19.44	202	3597072	18.717	ng/ul	98
81) Butylbenzylphthalate	20.36	149	1500475	19.070	ng/ul	99
82) 3,3'-Dichlorobenzidine	21.13	252	1174448	18.043	ng/ul	98
83) Benzo(a)anthracene	21.20	228	3661743	20.118	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.15	149	2209984	20.035	ng/ul	99
85) Chrysene	21.24	228	3447720	20.529	ng/ul	99
87) Di-n-octyl phthalate	22.02	149	3719682	20.022	ng/ul	100
88) Benzo(b)fluoranthene	22.75	252	3988801	19.662	ng/ul	100
89) Benzo(k)fluoranthene	22.79	252	3650565	19.164	ng/ul	99
91) Benzo(a)pyrene	23.31	252	3706648	20.182	ng/ul	100
92) Indeno(1,2,3-cd)pyrene	25.60	276	4507446	22.666	ng/ul	98
93) Dibenzo(a,h)anthracene	25.61	278	3804292	22.688	ng/ul	99
94) Benzo(g,h,i)perylene	26.27	276	3749509	23.175	ng/ul	99

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

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