Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102519\
Data File : BM023412.D
Acq On : 25 Oct 2019 18:20
Operator : JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02009

Quant Time: Oct 25 22:11:51 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 25 07:44:12 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	555655	20.00	ng/ul	0.00
18) Naphthalene-d8	10.41	136	2407305	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.28	164	1547448	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.03	188	3134331	20.00	ng/ul	0.00
78) Chrysene-d12	21.23	240	2491432	20.00	ng/ul	0.00
86) Perylene-d12	23.42	264	2440315	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.15	96	84146	7.19	ng/uL	0.00
5) Phenol-d5	6.82	99	881252	18.88	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.97	67	509367	18.62	ng/ul	0.00
9) 2-Chlorophenol-d4	7.17	132	703183	19.27	ng/ul	0.00
13) 4-Methylphenol-d8	8.35	113	723602	19.09	ng/ul	0.00
19) Nitrobenzene-d5	8.78	128	352922	19.47	ng/ul	0.00
22) 2-Nitrophenol-d4	9.50	143	391614	19.48	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.04	165	765889	19.38	ng/ul	0.00
29) 4-Chloroaniline-d4	10.55	131	840789	18.50	ng/ul	0.00
44) Dimethylphthalate-d6	13.70	166	2196081	18.69	ng/ul	0.00
47) Acenaphthylene-d8	13.97	160	2620787	19.47	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.50	143	393558	19.33	ng/ul	0.00
58) Fluorene-d10	15.28	176	1902578	19.12	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.41	200	303922	15.57	ng/ul	0.00
71) Anthracene-d10	17.13	188	2881648	19.45	ng/ul	0.00
79) Pyrene-d10	19.43	212	2847154	20.78	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.29	264	2378995	19.14	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.19	88	91503	7.350	ng/uL	95
4) Benzaldehyde	6.78	77	388387	14.455	ng/ul	98
6) Phenol	6.84	94	923834	19.224	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.06	93	711500	18.987	ng/ul	100
10) 2-Chlorophenol	7.20	128	735075	19.232	ng/ul	99
11) 2-Methylphenol	8.08	108	709753	19.316	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.17	45	1006136	18.803	ng/ul	99
14) Acetophenone	8.45	105	1127106	19.034	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.45	70	600221	17.941	ng/ul	99
16) 4-Methylphenol	8.41	108	773728	19.208	ng/ul	99
17) Hexachloroethane	8.70	117	300815	18.911	ng/ul	96
20) Nitrobenzene	8.82	77	848343	19.111	ng/ul	97
21) Isophorone	9.36	82	1641933	18.462	ng/ul	99
23) 2-Nitrophenol	9.53	139	426577	19.419	ng/ul	97
24) 2,4-Dimethylphenol	9.60	107	860519	18.970	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.84	93	1012573	18.513	ng/ul	100
27) 2,4-Dichlorophenol	10.07	162	754363	19.354	ng/ul	100
28) Naphthalene	10.46	128	2394060	19.403	ng/ul	100
30) 4-Chloroaniline	10.57	127	876067	18.595	ng/ul	98
31) Hexachlorobutadiene	10.76	225	485755	19.094	ng/ul	99
32) Caprolactam	11.35	113	240917	20.134	ng/ul	94
33) 4-Chloro-3-methylphenol	11.72	107	801610	18.653	ng/ul	96
34) 2-Methylnaphthalene	12.08	142	1770565	18.786	ng/ul	99

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35) 1-Methylnaphthalene	12.30	142	1722957	18.943	ng/ul	100
37) 1,2,4,5-Tetrachlorobenzene	12.46	216	958446	19.612	ng/ul	100
38) Hexachlorocyclopentadiene	12.44	237	771446	23.798	ng/ul	99
39) 2,4,6-Trichlorophenol	12.70	196	622805	19.560	ng/ul	99
40) 2,4,5-Trichlorophenol	12.78	196	676562	19.805	ng/ul	99
41) 1,1'-Biphenyl	13.11	154	2321528	19.347	ng/ul	99
42) 2-Chloronaphthalene	13.14	162	1796861	19.651	ng/ul	99
43) 2-Nitroaniline	13.35	65	500014	19.570	ng/ul	98
45) Dimethylphthalate	13.74	163	2215384	18.777	ng/ul	99
46) 2,6-Dinitrotoluene	13.86	165	455650	19.494	ng/ul	99
48) Acenaphthylene	14.00	152	2721426	19.503	ng/ul	100
49) 3-Nitroaniline	14.19	138	428357	20.282	ng/ul	93
50) Acenaphthene	14.34	153	1899882	19.355	ng/ul	99
51) 2,4-Dinitrophenol	14.40	184	300608	21.335	ng/ul	91
53) 4-Nitrophenol	14.51	109	306617	18.918	ng/ul	97
54) Dibenzofuran	14.68	168	2704359	19.238	ng/ul	99
55) 2,4-Dinitrotoluene	14.65	165	662468	19.552	ng/ul	99
56) 2,3,4,6-Tetrachlorophenol	14.92	232	584360	18.754	ng/ul	96
57) Diethylphthalate	15.12	149	2242897	18.845	ng/ul	99
59) Fluorene	15.33	166	2196714	19.165	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.33	204	1134789	18.731	ng/ul	99
61) 4-Nitroaniline	15.35	138	496456	21.059	ng/ul	97
64) 4,6-Dinitro-2-methylphenol	15.42	198	337971	15.773	ng/ul	98
65) N-Nitrosodiphenylamine	15.54	169	1915061	19.369	ng/ul	99
66) 4-Bromophenyl-phenylether	16.23	248	769842	19.237	ng/ul	100
67) Hexachlorobenzene	16.34	284	883227	19.284	ng/ul	97
68) Atrazine	16.51	200	702390	19.439	ng/ul	99
69) Pentachlorophenol	16.69	266	477619	17.558	ng/ul	98
70) Phenanthrene	17.07	178	3431514	19.591	ng/ul	99
72) Anthracene	17.16	178	3516908	19.817	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	13.07	216	931345	19.833	ng/uL	99
74) Pentachlorobenzene	14.60	250	977167	19.420	ng/uL	100
75) Carbazole	17.43	167	3083953	20.613	ng/ul	99
76) Di-n-butylphthalate	18.01	149	3834738	20.421	ng/ul	100
77) Fluoranthene	19.09	202	3763699	20.600	ng/ul	99
80) Pyrene	19.46	202	3726848	21.184	ng/ul	99
81) Butylbenzylphthalate	20.37	149	1652394	22.941	ng/ul	100
82) 3,3'-Dichlorobenzidine	21.14	252	877310	14.723	ng/ul	99
83) Benzo(a)anthracene	21.21	228	3214920	19.294	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.16	149	2455266	24.314	ng/ul	99
85) Chrysene	21.26	228	2961527	19.263	ng/ul	99
87) Di-n-octyl phthalate	22.03	149	3733803	26.014	ng/ul	100
88) Benzo(b)fluoranthene	22.77	252	2857314	18.231	ng/ul	99
89) Benzo(k)fluoranthene	22.81	252	2867891	19.487	ng/ul	100
91) Benzo(a)pyrene	23.33	252	2711040	19.106	ng/ul	100
92) Indeno(1,2,3-cd)pyrene	25.63	276	3208719	20.885	ng/ul	100
93) Dibenzo(a,h)anthracene	25.64	278	2710673	20.924	ng/ul	99
94) Benzo(g,h,i)perylene	26.30	276	2675523	21.405	ng/ul	99

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

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