Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111219\
Data File : BM023666.D
Acq On : 12 Nov 2019 16:02
Operator : JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02012

Manual Integrations APPROVED
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11/12/2019 5:03:46 PM

Quant Time: Nov 12 16:37:34 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 12 05:56:01 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	451630	20.00	ng/ul	0.00
18) Naphthalene-d8	10.32	136	2076132	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.20	164	1491848	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.95	188	3427110	20.00	ng/ul	0.00
78) Chrysene-d12	21.15	240	2954351	20.00	ng/ul	0.00
86) Perylene-d12	23.31	264	2684216	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.07	96	79316	7.24	ng/uL	0.00
5) Phenol-d5	6.73	99	789467	19.18	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.89	67	474484	20.06	ng/ul	0.00
9) 2-Chlorophenol-d4	7.08	132	583581	19.57	ng/ul	0.00
13) 4-Methylphenol-d8	8.26	113	647430	19.71	ng/ul	0.00
19) Nitrobenzene-d5	8.69	128	297501	20.02	ng/ul	0.00
22) 2-Nitrophenol-d4	9.41	143	333726	21.37	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.95	165	698874	19.62	ng/ul	0.00
29) 4-Chloroaniline-d4	10.46	131	766664	19.60	ng/ul	0.00
44) Dimethylphthalate-d6	13.62	166	2213298	19.02	ng/ul	0.00
47) Acenaphthylene-d8	13.89	160	2570796	19.36	ng/ul	0.00
52) 4-Nitrophenol-d4	14.42	143	378652	19.07	ng/ul	0.00
58) Fluorene-d10	15.20	176	1943639	18.92	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.33	200	364552	18.39	ng/ul	0.00
71) Anthracene-d10	17.05	188	3083769	18.97	ng/ul	0.00
79) Pyrene-d10	19.35	212	3299603	21.42	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.17	264	2710583	19.19	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.10	88	86402	7.360	ng/uL	98
4) Benzaldehyde	6.69	77	520411	21.548	ng/ul	98
6) Phenol	6.76	94	797786	18.811	ng/ul	99
8) Bis(2-Chloroethyl)ether	6.98	93	628627	19.354	ng/ul	97
10) 2-Chlorophenol	7.11	128	595109	19.350	ng/ul	99
11) 2-Methylphenol	7.99	108	600261	18.963	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.08	45	627594	19.805	ng/ul	99
14) Acetophenone	8.37	105	1001300	19.549	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.36	70	561480	20.866	ng/ul	98
16) 4-Methylphenol	8.32	108	675379	19.269	ng/ul	100
17) Hexachloroethane	8.61	117	239742	19.649	ng/ul	94
20) Nitrobenzene	8.73	77	775691	19.742	ng/ul	99
21) Isophorone	9.27	82	1510541	19.707	ng/ul	100
23) 2-Nitrophenol	9.45	139	357267	20.564	ng/ul	98
24) 2,4-Dimethylphenol	9.52	107	782843	19.718	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.75	93	927365	19.280	ng/ul	99
27) 2,4-Dichlorophenol	9.97	162	658223	19.214	ng/ul	98
28) Naphthalene	10.37	128	2030090	18.604	ng/ul	99
30) 4-Chloroaniline	10.49	127	777722	19.346	ng/ul	100
31) Hexachlorobutadiene	10.66	225	432061	18.678	ng/ul	98
32) Caprolactam	11.27	113	214894m	19.357	ng/ul	
33) 4-Chloro-3-methylphenol	11.63	107	766271	20.152	ng/ul	99
34) 2-Methylnaphthalene	11.99	142	1591998	19.072	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.22	142	1559770	18.946	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.37	216	909102	18.650	ng/ul	100
38) Hexachlorocyclopentadiene	12.36	237	380007	14.882	ng/ul	98
39) 2,4,6-Trichlorophenol	12.62	196	597479	19.879	ng/ul	97
40) 2,4,5-Trichlorophenol	12.69	196	651204	19.894	ng/ul	99
41) 1,1'-Biphenyl	13.03	154	2153730	18.714	ng/ul	100
42) 2-Chloronaphthalene	13.06	162	1671639	18.871	ng/ul	99
43) 2-Nitroaniline	13.27	65	466228	22.128	ng/ul	98
45) Dimethylphthalate	13.67	163	2161367	18.958	ng/ul	100
46) 2,6-Dinitrotoluene	13.79	165	432069	20.807	ng/ul	99
48) Acenaphthylene	13.92	152	2543711	19.031	ng/ul	99
49) 3-Nitroaniline	14.11	138	396347	20.084	ng/ul	93
50) Acenaphthene	14.26	153	1798556	18.961	ng/ul	100
51) 2,4-Dinitrophenol	14.32	184	202863	15.495	ng/ul	93
53) 4-Nitrophenol	14.43	109	312008	19.468	ng/ul	96
54) Dibenzofuran	14.60	168	2629376	18.726	ng/ul	100
55) 2,4-Dinitrotoluene	14.58	165	644209	20.297	ng/ul	100
56) 2,3,4,6-Tetrachlorophenol	14.83	232	606810	19.586	ng/ul	96
57) Diethylphthalate	15.04	149	2187873	19.556	ng/ul	99
59) Fluorene	15.26	166	2149231	18.867	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.26	204	1159547	18.863	ng/ul	99
61) 4-Nitroaniline	15.28	138	483278	19.994	ng/ul	99
64) 4,6-Dinitro-2-methylphenol	15.34	198	390610	18.121	ng/ul	97
65) N-Nitrosodiphenylamine	15.47	169	1922555	19.121	ng/ul	99
66) 4-Bromophenyl-phenylether	16.15	248	795058	18.983	ng/ul	98
67) Hexachlorobenzene	16.26	284	927913	18.805	ng/ul	98
68) Atrazine	16.43	200	716312	19.017	ng/ul	100
69) Pentachlorophenol	16.61	266	517578	17.691	ng/ul	99
70) Phenanthrene	16.99	178	3527994	18.689	ng/ul	99
72) Anthracene	17.09	178	3617299	19.057	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	12.99	216	914760	18.827	ng/uL	99
74) Pentachlorobenzene	14.53	250	1007589	18.770	ng/uL	98
75) Carbazole	17.36	167	3121031	19.725	ng/ul	99
76) Di-n-butylphthalate	17.94	149	3630672	20.808	ng/ul	100
77) Fluoranthene	19.02	202	4131129	20.426	ng/ul	99
80) Pyrene	19.38	202	4170664	21.840	ng/ul	100
81) Butylbenzylphthalate	20.30	149	1488928	24.618	ng/ul	98
82) 3,3'-Dichlorobenzidine	21.07	252	1146553	18.492	ng/ul	100
83) Benzo(a)anthracene	21.13	228	3819830	19.602	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.09	149	2029886	22.229	ng/ul	100
85) Chrysene	21.19	228	3518947	19.181	ng/ul	100
87) Di-n-octyl phthalate	21.95	149	3017068	22.997	ng/ul	100
88) Benzo(b)fluoranthene	22.67	252	3306818	19.326	ng/ul	99
89) Benzo(k)fluoranthene	22.71	252	3234970	19.624	ng/ul	100
91) Benzo(a)pyrene	23.22	252	3024506	19.308	ng/ul	100
92) Indeno(1,2,3-cd)pyrene	25.46	276	3324379	19.847	ng/ul	99
93) Dibenzo(a,h)anthracene	25.47	278	2795245	19.774	ng/ul	99
94) Benzo(g,h,i)perylene	26.11	276	2715441	20.006	ng/ul	98

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

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