Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111319\
Data File : BM023698.D
Acq On : 13 Nov 2019 15:55
Operator : JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02016

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11/13/2019 6:49:52 PM

Quant Time: Nov 13 16:32:03 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 13 13:51:42 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	412876	20.00	ng/ul	0.00
18) Naphthalene-d8	10.32	136	2035928	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.20	164	1501581	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.94	188	3353368	20.00	ng/ul	0.00
78) Chrysene-d12	21.15	240	3197280	20.00	ng/ul	0.00
86) Perylene-d12	23.31	264	2794979	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.07	96	61316	6.12	ng/uL	0.00
5) Phenol-d5	6.73	99	722250	19.19	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.89	67	399909	18.49	ng/ul	0.00
9) 2-Chlorophenol-d4	7.08	132	528138	19.37	ng/ul	0.00
13) 4-Methylphenol-d8	8.26	113	605220	20.16	ng/ul	0.00
19) Nitrobenzene-d5	8.69	128	276265	18.96	ng/ul	0.00
22) 2-Nitrophenol-d4	9.41	143	313238	20.45	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.95	165	674681	19.32	ng/ul	0.00
29) 4-Chloroaniline-d4	10.46	131	789351	20.58	ng/ul	0.00
44) Dimethylphthalate-d6	13.62	166	2047745	17.49	ng/ul	0.00
47) Acenaphthylene-d8	13.89	160	2379128	17.80	ng/ul	0.00
52) 4-Nitrophenol-d4	14.42	143	355970	17.81	ng/ul	0.00
58) Fluorene-d10	15.20	176	1810186	17.51	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.33	200	322277	16.61	ng/ul	0.00
71) Anthracene-d10	17.04	188	2897353	18.21	ng/ul	0.00
79) Pyrene-d10	19.34	212	3205450	19.23	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.17	264	2628228	17.87	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.10	88	64809	6.039	ng/uL	95
4) Benzaldehyde	6.69	77	321151	14.545	ng/ul	99
6) Phenol	6.76	94	770548	19.874	ng/ul	99
8) Bis(2-Chloroethyl)ether	6.98	93	565136	19.032	ng/ul	98
10) 2-Chlorophenol	7.11	128	561449	19.969	ng/ul	98
11) 2-Methylphenol	7.99	108	583730	20.171	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.08	45	575659	19.872	ng/ul	98
14) Acetophenone	8.36	105	925721	19.770	ng/ul	100
15) N-Nitroso-di-n-propylamine	8.36	70	516010	20.977	ng/ul	99
16) 4-Methylphenol	8.32	108	662599	20.679	ng/ul	100
17) Hexachloroethane	8.61	117	207386	18.592	ng/ul	98
20) Nitrobenzene	8.73	77	712495	18.492	ng/ul	97
21) Isophorone	9.26	82	1414575	18.820	ng/ul	99
23) 2-Nitrophenol	9.44	139	353971	20.777	ng/ul	96
24) 2,4-Dimethylphenol	9.52	107	751568	19.304	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.75	93	870887	18.463	ng/ul	100
27) 2,4-Dichlorophenol	9.97	162	666032	19.826	ng/ul	99
28) Naphthalene	10.36	128	1948437	18.208	ng/ul	99
30) 4-Chloroaniline	10.48	127	836766	21.226	ng/ul	100
31) Hexachlorobutadiene	10.66	225	398645	17.574	ng/ul	98
32) Caprolactam	11.27	113	216581m	19.894	ng/ul	
33) 4-Chloro-3-methylphenol	11.63	107	756058	20.276	ng/ul	99
34) 2-Methylnaphthalene	11.99	142	1535482	18.758	ng/ul	99

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35) 1-Methylnaphthalene	12.21	142	1482172	18.359	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.37	216	870378	17.740	ng/ul	99
38) Hexachlorocyclopentadiene	12.35	237	402424	15.658	ng/ul	99
39) 2,4,6-Trichlorophenol	12.62	196	600982	19.866	ng/ul	97
40) 2,4,5-Trichlorophenol	12.69	196	658971	20.001	ng/ul	98
41) 1,1'-Biphenyl	13.02	154	2105426	18.176	ng/ul	100
42) 2-Chloronaphthalene	13.06	162	1632075	18.305	ng/ul	99
43) 2-Nitroaniline	13.27	65	468303	22.083	ng/ul	96
45) Dimethylphthalate	13.67	163	2101225	18.311	ng/ul	99
46) 2,6-Dinitrotoluene	13.78	165	435921	20.856	ng/ul	98
48) Acenaphthylene	13.92	152	2520592	18.736	ng/ul	99
49) 3-Nitroaniline	14.11	138	409359	20.609	ng/ul	90
50) Acenaphthene	14.26	153	1748808	18.318	ng/ul	99
51) 2,4-Dinitrophenol	14.32	184	184297	13.986	ng/ul	93
53) 4-Nitrophenol	14.43	109	295620	18.326	ng/ul	97
54) Dibenzofuran	14.60	168	2583592	18.281	ng/ul	100
55) 2,4-Dinitrotoluene	14.57	165	641399	20.078	ng/ul	100
56) 2,3,4,6-Tetrachlorophenol	14.83	232	595383	19.092	ng/ul	100
57) Diethylphthalate	15.04	149	2111729	18.753	ng/ul	99
59) Fluorene	15.25	166	2126014	18.542	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.25	204	1114050	18.005	ng/ul	98
61) 4-Nitroaniline	15.27	138	436145	17.927	ng/ul	97
64) 4,6-Dinitro-2-methylphenol	15.34	198	361900	17.158	ng/ul	98
65) N-Nitrosodiphenylamine	15.47	169	1882832	19.137	ng/ul	98
66) 4-Bromophenyl-phenylether	16.14	248	769858	18.785	ng/ul	97
67) Hexachlorobenzene	16.26	284	908720	18.821	ng/ul	99
68) Atrazine	16.43	200	704496	19.115	ng/ul	100
69) Pentachlorophenol	16.60	266	445363	15.557	ng/ul	99
70) Phenanthrene	16.99	178	3481999	18.851	ng/ul	100
72) Anthracene	17.08	178	3540612	19.063	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	12.98	216	875275	18.411	ng/uL	99
74) Pentachlorobenzene	14.52	250	967980	18.428	ng/uL	100
75) Carbazole	17.35	167	3153343	20.367	ng/ul	100
76) Di-n-butylphthalate	17.93	149	3645549	21.353	ng/ul	99
77) Fluoranthene	19.02	202	4177875	21.112	ng/ul	99
80) Pyrene	19.38	202	4236755	20.500	ng/ul	98
81) Butylbenzylphthalate	20.30	149	1675502	25.598	ng/ul	98
82) 3,3'-Dichlorobenzidine	21.07	252	1136096	16.932	ng/ul	98
83) Benzo(a)anthracene	21.13	228	3978018	18.862	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.09	149	2384873	24.132	ng/ul	100
85) Chrysene	21.19	228	3644875	18.358	ng/ul	100
87) Di-n-octyl phthalate	21.95	149	3706988	27.136	ng/ul	100
88) Benzo(b)fluoranthene	22.67	252	3520431	19.759	ng/ul	99
89) Benzo(k)fluoranthene	22.71	252	3188647	18.576	ng/ul	99
91) Benzo(a)pyrene	23.21	252	3052011	18.712	ng/ul	100
92) Indeno(1,2,3-cd)pyrene	25.46	276	3294658	18.890	ng/ul	99
93) Dibenzo(a,h)anthracene	25.47	278	2795199	18.990	ng/ul	99
94) Benzo(g,h,i)perylene	26.11	276	2698019	19.090	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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