Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111419\
Data File : BM023745.D
Acq On : 15 Nov 2019 08:55
Operator : JU
Sample : SSTDCCC020
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02020

Manual Integrations APPROVED
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11/15/2019 5:59:43 PM

Quant Time: Nov 15 11:07:50 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Nov 15 07:53:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.53	152	411744	20.00	ng/ul	0.00
18) Naphthalene-d8	10.30	136	1709372	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.19	164	1089320	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.93	188	2240684	20.00	ng/ul	0.00
78) Chrysene-d12	21.14	240	2362555	20.00	ng/ul	0.00
86) Perylene-d12	23.30	264	2770751	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.06	96	73871	7.40	ng/uL	0.00
5) Phenol-d5	6.72	99	686163	18.28	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.88	67	394497	18.29	ng/ul	0.00
9) 2-Chlorophenol-d4	7.06	132	531844	19.56	ng/ul	0.00
13) 4-Methylphenol-d8	8.25	113	537224	17.94	ng/ul	0.00
19) Nitrobenzene-d5	8.67	128	256127	20.93	ng/ul	0.00
22) 2-Nitrophenol-d4	9.39	143	288321	22.42	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.93	165	566671	19.33	ng/ul	0.00
29) 4-Chloroaniline-d4	10.45	131	665469	20.67	ng/ul	0.00
44) Dimethylphthalate-d6	13.60	166	1572126	18.51	ng/ul	0.00
47) Acenaphthylene-d8	13.87	160	1878421	19.38	ng/ul	0.00
52) 4-Nitrophenol-d4	14.41	143	266386	18.37	ng/ul	0.00
58) Fluorene-d10	15.19	176	1381685	18.42	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.32	200	256197	19.77	ng/ul	0.00
71) Anthracene-d10	17.03	188	2121020	19.95	ng/ul	0.00
79) Pyrene-d10	19.34	212	2330888	18.92	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.16	264	2774234	19.03	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.09	88	80189	7.492	ng/uL	97
4) Benzaldehyde	6.68	77	298684	13.565	ng/ul	98
6) Phenol	6.75	94	709896	18.360	ng/ul	97
8) Bis(2-Chloroethyl)ether	6.96	93	551110	18.611	ng/ul	97
10) 2-Chlorophenol	7.10	128	562031	20.045	ng/ul	96
11) 2-Methylphenol	7.98	108	526037	18.228	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.06	45	552959	19.141	ng/ul	97
14) Acetophenone	8.35	105	841186	18.014	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.34	70	445196	18.148	ng/ul	97
16) 4-Methylphenol	8.31	108	579073	18.122	ng/ul	98
17) Hexachloroethane	8.59	117	227216	20.426	ng/ul	96
20) Nitrobenzene	8.72	77	642090	19.848	ng/ul	95
21) Isophorone	9.25	82	1182347	18.735	ng/ul	99
23) 2-Nitrophenol	9.43	139	314856	22.011	ng/ul	97
24) 2,4-Dimethylphenol	9.50	107	636913	19.484	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.73	93	749968	18.937	ng/ul	100
27) 2,4-Dichlorophenol	9.96	162	554039	19.642	ng/ul	99
28) Naphthalene	10.35	128	1759094	19.579	ng/ul	100
30) 4-Chloroaniline	10.47	127	702218	21.216	ng/ul	100
31) Hexachlorobutadiene	10.65	225	371702	19.517	ng/ul	99
32) Caprolactam	11.26	113	161764m	17.697	ng/ul	
33) 4-Chloro-3-methylphenol	11.61	107	583088	18.625	ng/ul	99
34) 2-Methylnaphthalene	11.97	142	1290464	18.776	ng/ul	98

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35) 1-Methylnaphthalene	12.20	142	1250296	18.445	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.36	216	717683	20.164	ng/ul	99
38) Hexachlorocyclopentadiene	12.33	237	411744	22.084	ng/ul	99
39) 2,4,6-Trichlorophenol	12.60	196	453396	20.659	ng/ul	98
40) 2,4,5-Trichlorophenol	12.68	196	484941	20.289	ng/ul	97
41) 1,1'-Biphenyl	13.01	154	1699330	20.222	ng/ul	100
42) 2-Chloronaphthalene	13.05	162	1314500	20.323	ng/ul	98
43) 2-Nitroaniline	13.26	65	345279	22.443	ng/ul	94
45) Dimethylphthalate	13.65	163	1607923	19.315	ng/ul	100
46) 2,6-Dinitrotoluene	13.77	165	322946	21.298	ng/ul	98
48) Acenaphthylene	13.90	152	1958699	20.069	ng/ul	99
49) 3-Nitroaniline	14.10	138	279489	19.396	ng/ul	92
50) Acenaphthene	14.25	153	1377376	19.887	ng/ul	100
51) 2,4-Dinitrophenol	14.32	184	155014	16.216	ng/ul	98
53) 4-Nitrophenol	14.43	109	220958	18.882	ng/ul	95
54) Dibenzofuran	14.59	168	1980236	19.314	ng/ul	100
55) 2,4-Dinitrotoluene	14.56	165	471831	20.359	ng/ul	99
56) 2,3,4,6-Tetrachlorophenol	14.82	232	432548	19.120	ng/ul	98
57) Diethylphthalate	15.03	149	1580666	19.350	ng/ul	98
59) Fluorene	15.24	166	1593141	19.153	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.24	204	830536	18.503	ng/ul	98
61) 4-Nitroaniline	15.26	138	302180	17.121	ng/ul	97
64) 4,6-Dinitro-2-methylphenol	15.33	198	285615	20.266	ng/ul	99
65) N-Nitrosodiphenylamine	15.46	169	1395728	21.231	ng/ul	100
66) 4-Bromophenyl-phenylether	16.13	248	563599	20.582	ng/ul	98
67) Hexachlorobenzene	16.25	284	660793	20.482	ng/ul	98
68) Atrazine	16.42	200	497875	20.217	ng/ul	99
69) Pentachlorophenol	16.59	266	352509	18.429	ng/ul	99
70) Phenanthrene	16.97	178	2540716	20.586	ng/ul	100
72) Anthracene	17.07	178	2573993	20.741	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	12.97	216	693281	21.824	ng/uL	98
74) Pentachlorobenzene	14.51	250	728145	20.746	ng/uL	99
75) Carbazole	17.34	167	2272497	21.967	ng/ul	100
76) Di-n-butylphthalate	17.92	149	2592814	22.728	ng/ul	99
77) Fluoranthene	19.00	202	2986561	22.586	ng/ul	98
80) Pyrene	19.37	202	3078530	20.159	ng/ul	99
81) Butylbenzylphthalate	20.29	149	1202192	24.856	ng/ul	99
82) 3,3'-Dichlorobenzidine	21.06	252	1050014	21.177	ng/ul	99
83) Benzo(a)anthracene	21.12	228	3152392	20.229	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.08	149	1732884	23.730	ng/ul	100
85) Chrysene	21.17	228	2897115	19.747	ng/ul	100
87) Di-n-octyl phthalate	21.94	149	2924001	21.591	ng/ul	100
88) Benzo(b)fluoranthene	22.66	252	3277453	18.556	ng/ul	99
89) Benzo(k)fluoranthene	22.70	252	3285848	19.310	ng/ul	99
91) Benzo(a)pyrene	23.20	252	3166834	19.585	ng/ul	100
92) Indeno(1,2,3-cd)pyrene	25.44	276	3910102	22.615	ng/ul	99
93) Dibenzo(a,h)anthracene	25.45	278	3289342	22.543	ng/ul	100
94) Benzo(g,h,i)perylene	26.09	276	3266413	23.314	ng/ul	99

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

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