Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM112219\
Data File : BM023885.D
Acq On : 23 Nov 2019 08:07
Operator : JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Nov 25 02:01:09 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 25 01:09:42 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD02008

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.50	152	498875	20.00	ng/ul	0.00
18) Naphthalene-d8	10.28	136	2036195	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.17	164	1260866	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.92	188	2628803	20.00	ng/ul	0.00
78) Chrysene-d12	21.13	240	2636784	20.00	ng/ul	0.00
86) Perylene-d12	23.28	264	3183641	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.05	96	82662	6.83	ng/uL	0.00
5) Phenol-d5	6.70	99	837843	18.42	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.85	67	457995	17.53	ng/ul	0.00
9) 2-Chlorophenol-d4	7.05	132	668253	20.28	ng/ul	0.00
13) 4-Methylphenol-d8	8.23	113	646134	17.81	ng/ul	0.00
19) Nitrobenzene-d5	8.66	128	315350	21.64	ng/ul	0.00
22) 2-Nitrophenol-d4	9.37	143	367398	23.98	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.92	165	682063	19.53	ng/ul	0.00
29) 4-Chloroaniline-d4	10.43	131	830258	21.65	ng/ul	0.00
44) Dimethylphthalate-d6	13.59	166	1821390	18.52	ng/ul	0.00
47) Acenaphthylene-d8	13.86	160	2245996	20.02	ng/ul	0.00
52) 4-Nitrophenol-d4	14.40	143	344182	20.51	ng/ul	0.00
58) Fluorene-d10	15.17	176	1599994	18.43	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.31	200	240695	15.83	ng/ul	0.00
71) Anthracene-d10	17.02	188	2479069	19.88	ng/ul	0.00
79) Pyrene-d10	19.33	212	2678447	19.48	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.15	264	3222785	19.24	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.08	88	91731	7.074	ng/uL	97
4) Benzaldehyde	6.66	77	365743	13.709	ng/ul	98
6) Phenol	6.72	94	883586	18.861	ng/ul	95
8) Bis(2-Chloroethyl)ether	6.95	93	654100	18.231	ng/ul	98
10) 2-Chlorophenol	7.07	128	697914	20.543	ng/ul	98
11) 2-Methylphenol	7.96	108	646965	18.502	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.05	45	679315	19.407	ng/ul	96
14) Acetophenone	8.33	105	1011040	17.870	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.32	70	520560	17.514	ng/ul	98
16) 4-Methylphenol	8.29	108	706119	18.238	ng/ul	99
17) Hexachloroethane	8.57	117	273897	20.322	ng/ul	92
20) Nitrobenzene	8.70	77	764691	19.844	ng/ul	95
21) Isophorone	9.23	82	1418123	18.865	ng/ul	99
23) 2-Nitrophenol	9.40	139	396730	23.284	ng/ul	92
24) 2,4-Dimethylphenol	9.48	107	747013	19.184	ng/ul	95
25) Bis(2-Chloroethoxy)methane	9.71	93	870497	18.452	ng/ul	99
27) 2,4-Dichlorophenol	9.94	162	663415	19.745	ng/ul	99
28) Naphthalene	10.33	128	2142624	20.020	ng/ul	100
30) 4-Chloroaniline	10.45	127	861799	21.858	ng/ul	100
31) Hexachlorobutadiene	10.62	225	408176	17.992	ng/ul	98
32) Caprolactam	11.24	113	207254m	19.035	ng/ul	
33) 4-Chloro-3-methylphenol	11.59	107	695098	18.639	ng/ul	99
34) 2-Methylnaphthalene	11.96	142	1555605	19.001	ng/ul	99

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35) 1-Methylnaphthalene	12.18	142	1489242	18.444	ng/ul	100
37) 1,2,4,5-Tetrachlorobenzene	12.34	216	775724	18.829	ng/ul	98
38) Hexachlorocyclopentadiene	12.32	237	253487	11.746	ng/ul	99
39) 2,4,6-Trichlorophenol	12.59	196	528090	20.789	ng/ul	98
40) 2,4,5-Trichlorophenol	12.66	196	560893	20.274	ng/ul	99
41) 1,1'-Biphenyl	12.99	154	1989905	20.458	ng/ul	99
42) 2-Chloronaphthalene	13.03	162	1553240	20.747	ng/ul	98
43) 2-Nitroaniline	13.25	65	419379	23.551	ng/ul	94
45) Dimethylphthalate	13.63	163	1843263	19.129	ng/ul	100
46) 2,6-Dinitrotoluene	13.75	165	398533	22.708	ng/ul	97
48) Acenaphthylene	13.89	152	2368007	20.962	ng/ul	100
49) 3-Nitroaniline	14.08	138	402747	24.147	ng/ul	92
50) Acenaphthene	14.23	153	1647741	20.554	ng/ul	99
51) 2,4-Dinitrophenol	14.30	184	150039	13.560	ng/ul	97
53) 4-Nitrophenol	14.42	109	250922	18.525	ng/ul	88
54) Dibenzofuran	14.57	168	2318736	19.539	ng/ul	100
55) 2,4-Dinitrotoluene	14.55	165	581751	21.687	ng/ul	99
56) 2,3,4,6-Tetrachlorophenol	14.81	232	495229	18.912	ng/ul	96
57) Diethylphthalate	15.02	149	1839234	19.452	ng/ul	99
59) Fluorene	15.22	166	1899436	19.729	ng/ul	100
60) 4-Chlorophenyl-phenylether	15.22	204	909937	17.514	ng/ul	96
61) 4-Nitroaniline	15.25	138	459910	22.513	ng/ul	90
64) 4,6-Dinitro-2-methylphenol	15.32	198	265462	16.055	ng/ul	95
65) N-Nitrosodiphenylamine	15.44	169	1642260	21.293	ng/ul	99
66) 4-Bromophenyl-phenylether	16.12	248	618028	19.237	ng/ul	97
67) Hexachlorobenzene	16.23	284	741796	19.598	ng/ul	98
68) Atrazine	16.40	200	570164	19.734	ng/ul	96
69) Pentachlorophenol	16.58	266	405315	18.061	ng/ul	100
70) Phenanthrene	16.96	178	3008287	20.776	ng/ul	100
72) Anthracene	17.06	178	3111635	21.371	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	12.95	216	755299	20.266	ng/uL	98
74) Pentachlorobenzene	14.49	250	813415	19.754	ng/uL	99
75) Carbazole	17.33	167	2797985	23.053	ng/ul	100
76) Di-n-butylphthalate	17.91	149	3188597	23.824	ng/ul	99
77) Fluoranthene	18.99	202	3545313	22.853	ng/ul	96
80) Pyrene	19.36	202	3586333	21.042	ng/ul	97
81) Butylbenzylphthalate	20.27	149	1528713	28.320	ng/ul	96
82) 3,3'-Dichlorobenzidine	21.05	252	988692	17.867	ng/ul#	99
83) Benzo(a)anthracene	21.12	228	3530687	20.300	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.06	149	2124954	26.072	ng/ul	98
85) Chrysene	21.16	228	3309757	20.214	ng/ul	99
87) Di-n-octyl phthalate	21.92	149	3710014	23.843	ng/ul	100
88) Benzo(b)fluoranthene	22.64	252	3974286	19.583	ng/ul	99
89) Benzo(k)fluoranthene	22.69	252	3532028m	18.065	ng/ul	
91) Benzo(a)pyrene	23.19	252	3657516	19.686	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.43	276	4561751	22.962	ng/ul	98
93) Dibenzo(a,h)anthracene	25.43	278	3845612	22.937	ng/ul	99
94) Benzo(g,h,i)perylene	26.07	276	3813073	23.686	ng/ul	98

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

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