Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM112219\
Data File : BM023859.D
Acq On : 22 Nov 2019 15:21
Operator : JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Nov 22 16:26:17 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Nov 22 15:55:14 2019
Response via : Initial Calibration

Instrument : BNA_M
ClientSampleId : SSTD02006

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	539183	20.00	ng/ul	0.00
18) Naphthalene-d8	10.29	136	2199422	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.17	164	1376846	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.93	188	2834159	20.00	ng/ul	0.00
78) Chrysene-d12	21.13	240	2842538	20.00	ng/ul	0.00
86) Perylene-d12	23.29	264	3396003	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.05	96	88933	6.80	ng/uL	0.00
5) Phenol-d5	6.70	99	885907	18.02	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.86	67	491073	17.39	ng/ul	0.00
9) 2-Chlorophenol-d4	7.05	132	704231	19.78	ng/ul	0.00
13) 4-Methylphenol-d8	8.23	113	689329	17.58	ng/ul	0.00
19) Nitrobenzene-d5	8.66	128	334863	21.27	ng/ul	0.00
22) 2-Nitrophenol-d4	9.38	143	385100	23.27	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.92	165	724231	19.20	ng/ul	0.00
29) 4-Chloroaniline-d4	10.43	131	881030	21.26	ng/ul	0.00
44) Dimethylphthalate-d6	13.59	166	1962275	18.28	ng/ul	0.00
47) Acenaphthylene-d8	13.86	160	2447519	19.97	ng/ul	0.00
52) 4-Nitrophenol-d4	14.40	143	366919	20.02	ng/ul	0.00
58) Fluorene-d10	15.17	176	1734439	18.29	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.31	200	292395	17.84	ng/ul	0.00
71) Anthracene-d10	17.03	188	2702193	20.10	ng/ul	0.00
79) Pyrene-d10	19.33	212	2886905	19.48	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.15	264	3410712	19.09	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.08	88	95538	6.817	ng/uL#	95
4) Benzaldehyde	6.66	77	388405	13.470	ng/ul	98
6) Phenol	6.73	94	935518	18.477	ng/ul	97
8) Bis(2-Chloroethyl)ether	6.95	93	697545	17.988	ng/ul	98
10) 2-Chlorophenol	7.08	128	737359	20.082	ng/ul	97
11) 2-Methylphenol	7.96	108	692045	18.312	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.05	45	719150	19.010	ng/ul	96
14) Acetophenone	8.33	105	1075433	17.587	ng/ul	100
15) N-Nitroso-di-n-propylamine	8.32	70	563841	17.552	ng/ul	97
16) 4-Methylphenol	8.29	108	749274	17.906	ng/ul	99
17) Hexachloroethane	8.57	117	295514	20.287	ng/ul	95
20) Nitrobenzene	8.70	77	817519	19.640	ng/ul	95
21) Isophorone	9.23	82	1524620	18.776	ng/ul	99
23) 2-Nitrophenol	9.41	139	416191	22.613	ng/ul	93
24) 2,4-Dimethylphenol	9.49	107	806818	19.182	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.72	93	933155	18.313	ng/ul	98
27) 2,4-Dichlorophenol	9.95	162	706924	19.479	ng/ul	99
28) Naphthalene	10.33	128	2285550	19.771	ng/ul	100
30) 4-Chloroaniline	10.46	127	923199	21.678	ng/ul	100
31) Hexachlorobutadiene	10.63	225	437435	17.851	ng/ul	99
32) Caprolactam	11.25	113	218691m	18.594	ng/ul	
33) 4-Chloro-3-methylphenol	11.60	107	749513	18.606	ng/ul	98
34) 2-Methylnaphthalene	11.96	142	1655084	18.716	ng/ul	97

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35) 1-Methylnaphthalene	12.19	142	1604633	18.398	ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.34	216	844817	18.779	ng/ul	97
38) Hexachlorocyclopentadiene	12.32	237	366146	15.537	ng/ul	99
39) 2,4,6-Trichlorophenol	12.59	196	574029	20.694	ng/ul	97
40) 2,4,5-Trichlorophenol	12.67	196	609954	20.190	ng/ul	98
41) 1,1'-Biphenyl	13.00	154	2143111	20.177	ng/ul	100
42) 2-Chloronaphthalene	13.03	162	1670100	20.429	ng/ul	99
43) 2-Nitroaniline	13.25	65	454697	23.384	ng/ul	95
45) Dimethylphthalate	13.64	163	1985220	18.867	ng/ul	100
46) 2,6-Dinitrotoluene	13.76	165	429061	22.388	ng/ul	93
48) Acenaphthylene	13.89	152	2562579	20.774	ng/ul	99
49) 3-Nitroaniline	14.09	138	432992	23.774	ng/ul	89
50) Acenaphthene	14.24	153	1772820	20.251	ng/ul	99
51) 2,4-Dinitrophenol	14.30	184	174249	14.421	ng/ul	96
53) 4-Nitrophenol	14.42	109	269143	18.196	ng/ul	89
54) Dibenzofuran	14.57	168	2514747	19.406	ng/ul	99
55) 2,4-Dinitrotoluene	14.56	165	624465	21.318	ng/ul	99
56) 2,3,4,6-Tetrachlorophenol	14.81	232	547890	19.161	ng/ul	92
57) Diethylphthalate	15.02	149	1998160	19.352	ng/ul	98
59) Fluorene	15.23	166	2042619	19.429	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.23	204	992330	17.491	ng/ul	97
61) 4-Nitroaniline	15.26	138	481400	21.580	ng/ul	92
64) 4,6-Dinitro-2-methylphenol	15.33	198	317952	17.836	ng/ul	98
65) N-Nitrosodiphenylamine	15.44	169	1778438	21.388	ng/ul	99
66) 4-Bromophenyl-phenylether	16.12	248	684438	19.761	ng/ul	97
67) Hexachlorobenzene	16.24	284	813098	19.925	ng/ul	99
68) Atrazine	16.41	200	620333	19.915	ng/ul	98
69) Pentachlorophenol	16.59	266	466828	19.295	ng/ul	100
70) Phenanthrene	16.97	178	3267197	20.929	ng/ul	100
72) Anthracene	17.06	178	3345172	21.311	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	12.96	216	821940	20.456	ng/uL	100
74) Pentachlorobenzene	14.50	250	894063	20.139	ng/uL	100
75) Carbazole	17.33	167	3014138	23.035	ng/ul	100
76) Di-n-butylphthalate	17.91	149	3427709	23.755	ng/ul	99
77) Fluoranthene	18.99	202	3790441	22.663	ng/ul#	95
80) Pyrene	19.36	202	3862212	21.020	ng/ul	98
81) Butylbenzylphthalate	20.28	149	1604417	27.571	ng/ul	97
82) 3,3'-Dichlorobenzidine	21.06	252	1000566	16.773	ng/ul#	99
83) Benzo(a)anthracene	21.12	228	3795192	20.241	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.07	149	2254038	25.654	ng/ul	99
85) Chrysene	21.17	228	3523213	19.960	ng/ul	100
87) Di-n-octyl phthalate	21.93	149	3817979	23.002	ng/ul	100
88) Benzo(b)fluoranthene	22.65	252	3962929	18.306	ng/ul	99
89) Benzo(k)fluoranthene	22.69	252	3946627m	18.923	ng/ul	
91) Benzo(a)pyrene	23.20	252	3881311	19.585	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.43	276	4845577	22.866	ng/ul	98
93) Dibenzo(a,h)anthracene	25.44	278	4072293	22.770	ng/ul	99
94) Benzo(g,h,i)perylene	26.09	276	4026588	23.448	ng/ul	98

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

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