Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032319\
Data File : BM019344.D
Acq On : 23 Mar 2019 10:20
Operator : JU/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02062

Manual Integrations APPROVED
Sohil
3/26/2019 6:25:19 PM

Quant Time: Mar 24 04:54:15 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Mar 23 23:32:22 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	130241	20.00	ng/ul	0.00
18) Naphthalene-d8	10.39	136	557462	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.27	164	311601	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.03	188	674670	20.00	ng/ul	0.00
78) Chrysene-d12	21.23	240	744420	20.00	ng/ul	0.00
86) Perylene-d12	23.45	264	811914	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.15	96	25028	7.52	ng/uL	0.00
5) Phenol-d5	6.79	99	226176	19.50	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.96	67	157707	20.31	ng/ul	0.00
9) 2-Chlorophenol-d4	7.15	132	174811	19.89	ng/ul	0.00
13) 4-Methylphenol-d8	8.32	113	163306	18.76	ng/ul	0.00
19) Nitrobenzene-d5	8.78	128	75196	18.91	ng/ul	0.00
22) 2-Nitrophenol-d4	9.49	143	83172	18.79	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	160666	19.24	ng/ul	0.00
29) 4-Chloroaniline-d4	10.56	131	198163	19.76	ng/ul	0.00
44) Dimethylphthalate-d6	13.69	166	476572	18.95	ng/ul	0.00
47) Acenaphthylene-d8	13.96	160	604268	19.22	ng/ul	0.00
52) 4-Nitrophenol-d4	14.50	143	66247	16.81	ng/ul	0.00
58) Fluorene-d10	15.27	176	412511	19.04	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.41	200	73872	16.56	ng/ul	0.00
71) Anthracene-d10	17.13	188	606385	18.73	ng/ul	0.00
79) Pyrene-d10	19.43	212	646529	18.80	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.31	264	813468	18.90	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.18	88	27164	7.176	ng/uL#	89
4) Benzaldehyde	6.78	77	171230	20.611	ng/ul	96
6) Phenol	6.82	94	240809	19.897	ng/ul	95
8) Bis(2-Chloroethyl)ether	7.06	93	180934	19.542	ng/ul	96
10) 2-Chlorophenol	7.18	128	180582	20.209	ng/ul	97
11) 2-Methylphenol	8.06	108	158162	18.738	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.15	45	171806m	19.576	ng/ul	
14) Acetophenone	8.45	105	259293	18.288	ng/ul#	93
15) N-Nitroso-di-n-propylamine	8.42	70	149238	18.783	ng/ul#	86
16) 4-Methylphenol	8.39	108	176122	19.025	ng/ul	99
17) Hexachloroethane	8.67	117	68825	18.326	ng/ul	85
20) Nitrobenzene	8.82	77	215506	18.206	ng/ul	98
21) Isophorone	9.34	82	375393	18.485	ng/ul	95
23) 2-Nitrophenol	9.53	139	91719	18.786	ng/ul	97
24) 2,4-Dimethylphenol	9.58	107	196677	18.539	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.82	93	228487	18.646	ng/ul	99
27) 2,4-Dichlorophenol	10.05	162	160181	19.410	ng/ul	97
28) Naphthalene	10.45	128	547938	18.974	ng/ul	99
30) 4-Chloroaniline	10.58	127	204748	19.392	ng/ul	98
31) Hexachlorobutadiene	10.70	225	97762	18.779	ng/ul	95
32) Caprolactam	11.39	113	44036m	17.972	ng/ul	
33) 4-Chloro-3-methylphenol	11.70	107	172956	19.444	ng/ul	97
34) 2-Methylnaphthalene	12.07	142	379242	18.741	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.29	142	362327	18.963	ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.44	216	186899	18.849	ng/ul#	95
38) Hexachlorocyclopentadiene	12.40	237	75235	14.793	ng/ul#	95
39) 2,4,6-Trichlorophenol	12.69	196	116204	18.784	ng/ul	99
40) 2,4,5-Trichlorophenol	12.77	196	122485	18.462	ng/ul	97
41) 1,1'-Biphenyl	13.10	154	497544	18.747	ng/ul#	95
42) 2-Chloronaphthalene	13.14	162	381116	18.752	ng/ul	99
43) 2-Nitroaniline	13.37	65	105128	18.835	ng/ul	92
45) Dimethylphthalate	13.74	163	476716	18.897	ng/ul#	98
46) 2,6-Dinitrotoluene	13.87	165	88730	19.160	ng/ul#	89
48) Acenaphthylene	13.99	152	593178	19.037	ng/ul	99
49) 3-Nitroaniline	14.21	138	83725	18.475	ng/ul#	92
50) Acenaphthene	14.33	153	411583	18.755	ng/ul	98
51) 2,4-Dinitrophenol	14.43	184	35966	13.413	ng/ul#	82
53) 4-Nitrophenol	14.52	109	50992	16.531	ng/ul#	80
54) Dibenzofuran	14.67	168	582069	18.993	ng/ul	98
55) 2,4-Dinitrotoluene	14.67	165	133092	19.407	ng/ul#	61
56) 2,3,4,6-Tetrachlorophenol	14.90	232	107347	19.208	ng/ul#	78
57) Diethylphthalate	15.10	149	472577	19.046	ng/ul	96
59) Fluorene	15.33	166	464145	19.112	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.32	204	225971	18.652	ng/ul	92
61) 4-Nitroaniline	15.38	138	87584	17.705	ng/ul	90
64) 4,6-Dinitro-2-methylphenol	15.43	198	79235	16.775	ng/ul#	91
65) N-Nitrosodiphenylamine	15.54	169	397387	18.932	ng/ul	99
66) 4-Bromophenyl-phenylether	16.22	248	135604	18.508	ng/ul	95
67) Hexachlorobenzene	16.32	284	164859	18.582	ng/ul#	92
68) Atrazine	16.50	200	130239	17.730	ng/ul	97
69) Pentachlorophenol	16.68	266	72688	15.675	ng/ul	97
70) Phenanthrene	17.07	178	721156	18.852	ng/ul	99
72) Anthracene	17.16	178	733346	18.791	ng/ul	97
73) 1,2,3,4-Tetrachlorobenzene	13.06	216	180029	18.405	ng/uL	99
74) Pentachlorobenzene	14.59	250	187062	18.283	ng/uL	98
75) Carbazole	17.44	167	639705	18.278	ng/ul	98
76) Di-n-butylphthalate	18.00	149	734861	18.942	ng/ul	99
77) Fluoranthene	19.10	202	795873	18.157	ng/ul#	86
80) Pyrene	19.46	202	848240	18.940	ng/ul#	83
81) Butylbenzylphthalate	20.37	149	326684	18.423	ng/ul#	87
82) 3,3'-Dichlorobenzidine	21.16	252	298906	18.483	ng/ul#	96
83) Benzo(a)anthracene	21.21	228	846362	18.889	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.14	149	483669	18.818	ng/ul#	95
85) Chrysene	21.27	228	803835	18.697	ng/ul	99
87) Di-n-octyl phthalate	22.01	149	862080	17.023	ng/ul	100
88) Benzo(b)fluoranthene	22.79	252	890548	18.007	ng/ul#	96
89) Benzo(k)fluoranthene	22.83	252	913210	19.228	ng/ul#	96
91) Benzo(a)pyrene	23.36	252	882819	18.673	ng/ul#	96
92) Indeno(1,2,3-cd)pyrene	25.69	276	1095846	18.510	ng/ul#	88
93) Dibenzo(a,h)anthracene	25.70	278	927636	18.379	ng/ul#	96
94) Benzo(g,h,i)perylene	26.37	276	918377	18.563	ng/ul#	92

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

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