Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM082319\

Quantitation Report (QT Reviewed)

Data File : BM022322.D
Acq On : 25 Aug 2019 10:54
Operator : HP/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Aug 26 04:02:13 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 26 01:32:10 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	36771	20.00	ng/ul	0.00
18) Naphthalene-d8	10.32	136	163695	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.20	164	118683	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.97	188	279161	20.00	ng/ul	0.00
77) Chrysene-d12	21.18	240	281142	20.00	ng/ul	0.00
85) Perylene-d12	23.37	264	244629	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.13	96	6514	7.93	ng/uL	0.00
5) Phenol-d5	6.75	99	63241	19.93	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.91	67	36019	19.51	ng/ul	0.00
9) 2-Chlorophenol-d4	7.09	132	52702	20.57	ng/ul	0.00
13) 4-Methylphenol-d8	8.27	113	54630	19.86	ng/ul	0.00
19) Nitrobenzene-d5	8.72	128	25076	20.55	ng/ul	0.00
22) 2-Nitrophenol-d4	9.43	143	30971	21.80	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.96	165	62734	21.69	ng/ul	0.00
29) 4-Chloroaniline-d4	10.49	131	74769	21.26	ng/ul	0.00
43) Dimethylphthalate-d6	13.63	166	201277	19.26	ng/ul	0.00
46) Acenaphthylene-d8	13.90	160	241042	21.41	ng/ul	0.00
51) 4-Nitrophenol-d4	14.47	143	21994	14.21	ng/ul	0.00
57) Fluorene-d10	15.21	176	171018	19.73	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.38	200	33979	15.77	ng/ul	0.00
70) Anthracene-d10	17.07	188	292569	19.79	ng/ul	0.00
78) Pyrene-d10	19.37	212	351207	24.04	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.23	264	255085	18.98	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.16	88	6612	7.507	ng/uL	86
4) Benzaldehyde	6.72	77	45235	24.763	ng/ul	93
6) Phenol	6.77	94	63400	18.657	ng/ul	94
8) Bis(2-Chloroethyl)ether	7.00	93	46769	18.904	ng/ul	96
10) 2-Chlorophenol	7.12	128	51844	19.492	ng/ul	98
11) 2-Methylphenol	8.00	108	49444	18.476	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.08	45	61392	19.042	ng/ul	99
14) Acetophenone	8.39	105	86284	18.146	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.36	70	44082	18.315	ng/ul	97
16) 4-Methylphenol	8.34	108	54754	18.609	ng/ul	98
17) Hexachloroethane	8.59	117	25270	19.377	ng/ul	95
20) Nitrobenzene	8.76	77	72329	20.123	ng/ul	98
21) Isophorone	9.28	82	123809	18.900	ng/ul	99
23) 2-Nitrophenol	9.46	139	32627	20.911	ng/ul	96
24) 2,4-Dimethylphenol	9.52	107	72325	19.765	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.76	93	68963	19.499	ng/ul	99
27) 2,4-Dichlorophenol	9.99	162	60729	20.726	ng/ul	97
28) Naphthalene	10.37	128	177981	19.702	ng/ul	99
30) 4-Chloroaniline	10.52	127	73823	20.165	ng/ul	99
31) Hexachlorobutadiene	10.62	225	57112	20.323	ng/ul	98
32) Caprolactam	11.34	113	20508m	22.553	ng/ul	
33) 4-Chloro-3-methylphenol	11.65	107	65322	20.194	ng/ul	99
34) 2-Methylnaphthalene	11.99	142	135831	19.515	ng/ul	95

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.37	216	97283	19.820 ng/ul	97
37) Hexachlorocyclopentadiene	12.32	237	18250	8.014 ng/ul	92
38) 2,4,6-Trichlorophenol	12.63	196	56755	20.591 ng/ul	96
39) 2,4,5-Trichlorophenol	12.72	196	61414	20.371 ng/ul	99
40) 1,1'-Biphenyl	13.03	154	182930	18.940 ng/ul	100
41) 2-Chloronaphthalene	13.07	162	149122	19.809 ng/ul	98
42) 2-Nitroaniline	13.32	65	45886	19.946 ng/ul	96
44) Dimethylphthalate	13.68	163	197946	18.613 ng/ul	99
45) 2,6-Dinitrotoluene	13.82	165	39655	19.417 ng/ul	98
47) Acenaphthylene	13.93	152	220957	18.928 ng/ul	100
48) 3-Nitroaniline	14.16	138	36532	21.013 ng/ul	94
49) Acenaphthene	14.27	153	161715	19.512 ng/ul	97
50) 2,4-Dinitrophenol	14.39	184	16043	13.137 ng/ul	93
52) 4-Nitrophenol	14.49	109	41827m	16.256 ng/ul	
53) Dibenzofuran	14.61	168	233532	18.918 ng/ul	99
54) 2,4-Dinitrotoluene	14.63	165	59802	18.944 ng/ul	95
55) 2,3,4,6-Tetrachlorophenol	14.85	232	59098	19.333 ng/ul	93
56) Diethylphthalate	15.05	149	211815	18.570 ng/ul	98
58) Fluorene	15.26	166	197362	18.982 ng/ul	100
59) 4-Chlorophenyl-phenylether	15.26	204	121810	19.136 ng/ul	98
60) 4-Nitroaniline	15.34	138	35841	19.867 ng/ul	98
63) 4,6-Dinitro-2-methylphenol	15.39	198	34888	15.095 ng/ul	99
64) N-Nitrosodiphenylamine	15.49	169	164499	18.910 ng/ul	99
65) 4-Bromophenyl-phenylether	16.16	248	76793	19.217 ng/ul	94
66) Hexachlorobenzene	16.26	284	87428	19.635 ng/ul	97
67) Atrazine	16.46	200	94972	20.963 ng/ul	97
68) Pentachlorophenol	16.63	266	37032	13.768 ng/ul	96
69) Phenanthrene	17.01	178	318350	19.062 ng/ul	99
71) Anthracene	17.10	178	327359	18.837 ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	12.99	216	96118	19.357 ng/uL	96
73) Pentachlorobenzene	14.52	250	109155	20.264 ng/uL	97
74) Carbazole	17.40	167	269969	17.199 ng/ul	99
75) Di-n-butylphthalate	17.94	149	369010	18.403 ng/ul	99
76) Fluoranthene	19.04	202	414311	16.462 ng/ul	100
79) Pyrene	19.41	202	413667	22.732 ng/ul	97
80) Butylbenzylphthalate	20.32	149	174927	22.713 ng/ul	99
81) 3,3'-Dichlorobenzidine	21.11	252	128183	17.526 ng/ul	100
82) Benzo(a)anthracene	21.16	228	405144	19.147 ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.09	149	254460	21.957 ng/ul	98
84) Chrysene	21.22	228	366379	18.518 ng/ul	100
86) Di-n-octyl phthalate	21.95	149	395636	21.822 ng/ul	100
87) Benzo(b)fluoranthene	22.71	252	327376	19.238 ng/ul	98
88) Benzo(k)fluoranthene	22.76	252	318935	19.327 ng/ul	99
90) Benzo(a)pyrene	23.28	252	300582	18.531 ng/ul	98
91) Indeno(1,2,3-cd)pyrene	25.56	276	344186	18.274 ng/ul	99
92) Dibenzo(a,h)anthracene	25.56	278	287950	18.008 ng/ul	99
93) Benzo(g,h,i)perylene	26.23	276	272829	18.987 ng/ul	100

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

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