Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122120\
Data File : BM028210.D
Acq On : 21 Dec 2020 16:07
Operator : JU/CG
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02014

Quant Time: Dec 21 16:48:09 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121520MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 21 12:18:42 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.20	152	152919	20.00	ng/ul	0.00
18) Naphthalene-d8	11.03	136	633750	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.83	164	354443	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.55	188	686345	20.00	ng/ul	0.00
78) Chrysene-d12	21.66	240	566328	20.00	ng/ul	0.00
86) Perylene-d12	24.03	264	525035	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.41	96	27109	7.05	ng/uL	0.00
5) Phenol-d5	7.34	99	246004	19.10	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.52	67	148976	18.25	ng/ul	0.00
9) 2-Chlorophenol-d4	7.72	132	208650	19.21	ng/ul	0.00
13) 4-Methylphenol-d8	8.91	113	199436	18.98	ng/ul	0.00
19) Nitrobenzene-d5	9.38	128	98506	19.82	ng/ul	0.00
22) 2-Nitrophenol-d4	10.10	143	104931	20.74	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.65	165	196349	19.17	ng/ul	0.00
29) 4-Chloroaniline-d4	11.16	131	223964	18.45	ng/ul	0.00
44) Dimethylphthalate-d6	14.23	166	505722	18.52	ng/ul	0.00
47) Acenaphthylene-d8	14.53	160	662077	19.32	ng/ul	0.00
52) 4-Nitrophenol-d4	15.00	143	92681	18.67	ng/ul	0.00
58) Fluorene-d10	15.81	176	443522	18.15	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.92	200	77110	18.87	ng/ul	0.00
71) Anthracene-d10	17.64	188	636452	18.68	ng/ul	0.00
79) Pyrene-d10	19.90	212	632277	20.02	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.88	264	539131	18.64	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.45	88	27268	6.869	ng/uL	90
4) Benzaldehyde	7.32	77	112043	18.264	ng/ul	97
6) Phenol	7.37	94	246407	19.136	ng/ul	96
8) Bis(2-Chloroethyl)ether	7.61	93	200253	18.740	ng/ul	95
10) 2-Chlorophenol	7.76	128	209409	18.887	ng/ul	99
11) 2-Methylphenol	8.64	108	186999	19.044	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.74	45	317994	17.450	ng/ul	96
14) Acetophenone	9.03	105	292460	18.550	ng/ul	98
15) N-Nitroso-di-n-propylamine	9.02	70	143911	18.145	ng/ul	93
16) 4-Methylphenol	8.97	108	201500	19.106	ng/ul	97
17) Hexachloroethane	9.30	117	87738	18.620	ng/ul	98
20) Nitrobenzene	9.42	77	226838	18.449	ng/ul	96
21) Isophorone	9.95	82	401460	18.783	ng/ul	99
23) 2-Nitrophenol	10.14	139	113597	20.375	ng/ul	95
24) 2,4-Dimethylphenol	10.19	107	217964	18.429	ng/ul	96
25) Bis(2-Chloroethoxy)methane	10.43	93	264669	18.238	ng/ul	98
27) 2,4-Dichlorophenol	10.67	162	189539	19.023	ng/ul	99
28) Naphthalene	11.08	128	666510	18.546	ng/ul	99
30) 4-Chloroaniline	11.19	127	212095	18.123	ng/ul	99
31) Hexachlorobutadiene	11.36	225	119112	18.066	ng/ul	98
32) Caprolactam	11.95	113	54740	19.130	ng/ul	93
33) 4-Chloro-3-methylphenol	12.29	107	192856	18.415	ng/ul	100
34) 2-Methylnaphthalene	12.67	142	450279	18.398	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.89	142	521480	18.206 ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	13.04	216	220304	18.964 ng/ul	97
38) Hexachlorocyclopentadiene	13.02	237	121096	17.206 ng/ul	98
39) 2,4,6-Trichlorophenol	13.27	196	142110	20.103 ng/ul	98
40) 2,4,5-Trichlorophenol	13.34	196	150151	19.622 ng/ul	100
41) 1,1'-Biphenyl	13.67	154	563702	18.872 ng/ul	99
42) 2-Chloronaphthalene	13.72	162	444899	19.033 ng/ul	99
43) 2-Nitroaniline	13.91	65	118235	18.906 ng/ul	97
45) Dimethylphthalate	14.27	163	512735	18.376 ng/ul	100
46) 2,6-Dinitrotoluene	14.40	165	105729	19.932 ng/ul	99
48) Acenaphthylene	14.56	152	664754	19.143 ng/ul	99
49) 3-Nitroaniline	14.72	138	85747	17.963 ng/ul	91
50) Acenaphthene	14.89	153	466054	18.699 ng/ul	99
51) 2,4-Dinitrophenol	14.93	184	54416	18.340 ng/ul	97
53) 4-Nitrophenol	15.02	109	65718	17.009 ng/ul	89
54) Dibenzofuran	15.22	168	626715	18.372 ng/ul	96
55) 2,4-Dinitrotoluene	15.18	165	148224	19.406 ng/ul	91
56) 2,3,4,6-Tetrachlorophenol	15.44	232	125718	19.779 ng/ul	99
57) Diethylphthalate	15.62	149	510765	17.999 ng/ul	98
59) Fluorene	15.87	166	515523	18.099 ng/ul	98
60) 4-Chlorophenyl-phenylether	15.85	204	250966	18.083 ng/ul	100
61) 4-Nitroaniline	15.87	138	75839	15.465 ng/ul	95
64) 4,6-Dinitro-2-methylphenol	15.93	198	83376	18.919 ng/ul	96
65) N-Nitrosodiphenylamine	16.06	169	423375	18.962 ng/ul	99
66) 4-Bromophenyl-phenylether	16.74	248	151610	19.297 ng/ul	97
67) Hexachlorobenzene	16.86	284	170956	19.027 ng/ul	94
68) Atrazine	17.00	200	141514	18.882 ng/ul	97
69) Pentachlorophenol	17.20	266	96146	18.964 ng/ul	98
70) Phenanthrene	17.59	178	769677	18.524 ng/ul	99
72) Anthracene	17.68	178	787002	18.612 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.64	216	215144	19.807 ng/uL	98
74) Pentachlorobenzene	15.15	250	206848	19.578 ng/uL	100
75) Carbazole	17.94	167	663916	18.823 ng/ul	99
76) Di-n-butylphthalate	18.49	149	830529	19.129 ng/ul	99
77) Fluoranthene	19.57	202	826118	18.838 ng/ul	98
80) Pyrene	19.93	202	837708	19.628 ng/ul	100
81) Butylbenzylphthalate	20.80	149	344025	21.475 ng/ul	97
82) 3,3'-Dichlorobenzidine	21.57	252	209670	19.329 ng/ul	99
83) Benzo(a)anthracene	21.64	228	705757	18.592 ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.55	149	500763	22.028 ng/ul	99
85) Chrysene	21.70	228	685378	18.371 ng/ul	99
87) Di-n-octyl phthalate	22.46	149	806059	21.323 ng/ul	100
88) Benzo(b)fluoranthene	23.31	252	646857	18.221 ng/ul	98
89) Benzo(k)fluoranthene	23.36	252	644178	18.296 ng/ul	99
91) Benzo(a)pyrene	23.93	252	583345	18.232 ng/ul	99
92) Indeno(1,2,3-cd)pyrene	26.46	276	689468	18.868 ng/ul	100
93) Dibenzo(a,h)anthracene	26.47	278	583352	18.834 ng/ul	99
94) Benzo(g,h,i)perylene	27.21	276	583329	19.008 ng/ul	99

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

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