Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122120\
Data File : BM028205.D
Acq On : 21 Dec 2020 11:23
Operator : JU/CG
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02013

Quant Time: Dec 21 12:19:45 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	138401	20.00	ng/ul	0.00
18) Naphthalene-d8	11.03	136	582013	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.83	164	349867	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.55	188	706442	20.00	ng/ul	0.00
78) Chrysene-d12	21.66	240	580035	20.00	ng/ul	0.00
86) Perylene-d12	24.03	264	522730	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.41	96	24553	7.05	ng/uL	0.00
5) Phenol-d5	7.34	99	222107	19.05	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.52	67	134964	18.27	ng/ul	0.00
9) 2-Chlorophenol-d4	7.72	132	189080	19.23	ng/ul	0.00
13) 4-Methylphenol-d8	8.91	113	183859	19.33	ng/ul	0.00
19) Nitrobenzene-d5	9.38	128	89285	19.56	ng/ul	0.00
22) 2-Nitrophenol-d4	10.10	143	96583	20.79	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.65	165	183693	19.53	ng/ul	0.00
29) 4-Chloroaniline-d4	11.16	131	213328	19.13	ng/ul	0.00
44) Dimethylphthalate-d6	14.23	166	513477	19.05	ng/ul	0.00
47) Acenaphthylene-d8	14.53	160	641764	18.98	ng/ul	0.00
52) 4-Nitrophenol-d4	15.00	143	94637	19.31	ng/ul	0.00
58) Fluorene-d10	15.81	176	446816	18.53	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.92	200	79735	18.95	ng/ul	0.00
71) Anthracene-d10	17.64	188	661011	18.85	ng/ul	0.00
79) Pyrene-d10	19.90	212	658116	20.35	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.87	264	540655	18.78	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.45	88	25058	6.975	ng/uL	96
4) Benzaldehyde	7.33	77	103976	18.727	ng/ul	98
6) Phenol	7.37	94	222707	19.110	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.61	93	182051	18.824	ng/ul	96
10) 2-Chlorophenol	7.76	128	189460	18.880	ng/ul	99
11) 2-Methylphenol	8.64	108	169790	19.106	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.73	45	293341	17.785	ng/ul	98
14) Acetophenone	9.03	105	271315	19.014	ng/ul	97
15) N-Nitroso-di-n-propylamine	9.02	70	135009	18.808	ng/ul	94
16) 4-Methylphenol	8.97	108	184780	19.359	ng/ul	99
17) Hexachloroethane	9.30	117	78950	18.513	ng/ul	99
20) Nitrobenzene	9.42	77	208468	18.462	ng/ul	97
21) Isophorone	9.95	82	375268	19.119	ng/ul	100
23) 2-Nitrophenol	10.14	139	102955	20.108	ng/ul	97
24) 2,4-Dimethylphenol	10.19	107	201712	18.571	ng/ul	97
25) Bis(2-Chloroethoxy)methane	10.42	93	242684	18.210	ng/ul	98
27) 2,4-Dichlorophenol	10.67	162	175172	19.143	ng/ul	99
28) Naphthalene	11.08	128	613547	18.590	ng/ul	99
30) 4-Chloroaniline	11.18	127	204062	18.986	ng/ul	99
31) Hexachlorobutadiene	11.36	225	110371	18.229	ng/ul	99
32) Caprolactam	11.95	113	53978	20.541	ng/ul	88
33) 4-Chloro-3-methylphenol	12.29	107	184179	19.150	ng/ul	99
34) 2-Methylnaphthalene	12.67	142	424091	18.869	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.89	142	494845	18.812	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	13.04	216	210648	18.370	ng/ul	98
38) Hexachlorocyclopentadiene	13.02	237	114434	16.472	ng/ul	99
39) 2,4,6-Trichlorophenol	13.27	196	134738	19.309	ng/ul	98
40) 2,4,5-Trichlorophenol	13.34	196	144971	19.193	ng/ul	100
41) 1,1'-Biphenyl	13.67	154	546937	18.550	ng/ul	100
42) 2-Chloronaphthalene	13.72	162	422370	18.306	ng/ul	99
43) 2-Nitroaniline	13.91	65	116675	18.900	ng/ul	95
45) Dimethylphthalate	14.27	163	516859	18.766	ng/ul	99
46) 2,6-Dinitrotoluene	14.40	165	105639	20.175	ng/ul	97
48) Acenaphthylene	14.56	152	649057	18.935	ng/ul	99
49) 3-Nitroaniline	14.73	138	85763	18.201	ng/ul	88
50) Acenaphthene	14.89	153	457780	18.607	ng/ul	99
51) 2,4-Dinitrophenol	14.93	184	54190	18.502	ng/ul	97
53) 4-Nitrophenol	15.02	109	68056	17.844	ng/ul	93
54) Dibenzofuran	15.22	168	624893	18.558	ng/ul	97
55) 2,4-Dinitrotoluene	15.18	165	149459	19.823	ng/ul	91
56) 2,3,4,6-Tetrachlorophenol	15.44	232	122725	19.561	ng/ul	97
57) Diethylphthalate	15.62	149	526889	18.810	ng/ul	98
59) Fluorene	15.87	166	523229	18.610	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.85	204	254304	18.563	ng/ul	99
61) 4-Nitroaniline	15.87	138	75573	15.613	ng/ul	94
64) 4,6-Dinitro-2-methylphenol	15.93	198	85150	18.772	ng/ul	99
65) N-Nitrosodiphenylamine	16.06	169	434515	18.907	ng/ul	99
66) 4-Bromophenyl-phenylether	16.74	248	152847	18.901	ng/ul	99
67) Hexachlorobenzene	16.86	284	173871	18.801	ng/ul	96
68) Atrazine	17.00	200	148212	19.213	ng/ul	97
69) Pentachlorophenol	17.20	266	98415	18.859	ng/ul	97
70) Phenanthrene	17.59	178	798172	18.663	ng/ul	99
72) Anthracene	17.68	178	816813	18.768	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	13.64	216	206500	18.471	ng/uL	99
74) Pentachlorobenzene	15.15	250	206260	18.967	ng/uL	99
75) Carbazole	17.94	167	687625	18.940	ng/ul	99
76) Di-n-butylphthalate	18.49	149	886045	19.827	ng/ul	99
77) Fluoranthene	19.57	202	857910	19.006	ng/ul	98
80) Pyrene	19.93	202	871848	19.945	ng/ul	99
81) Butylbenzylphthalate	20.80	149	358984	21.879	ng/ul	97
82) 3,3'-Dichlorobenzidine	21.57	252	205875	18.531	ng/ul	99
83) Benzo(a)anthracene	21.64	228	728003	18.725	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.55	149	517852	22.241	ng/ul	98
85) Chrysene	21.70	228	705736	18.470	ng/ul	99
87) Di-n-octyl phthalate	22.46	149	812397	21.585	ng/ul	100
88) Benzo(b)fluoranthene	23.31	252	660862	18.698	ng/ul	99
89) Benzo(k)fluoranthene	23.36	252	642060	18.317	ng/ul	99
91) Benzo(a)pyrene	23.93	252	587931	18.456	ng/ul	100
92) Indeno(1,2,3-cd)pyrene	26.46	276	680003	18.691	ng/ul	99
93) Dibenzo(a,h)anthracene	26.47	278	573948	18.612	ng/ul	99
94) Benzo(g,h,i)perylene	27.20	276	572821	18.748	ng/ul	99

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

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