Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121820\
Data File : BM028157.D
Acq On : 18 Dec 2020 11:34
Operator : JU/CG
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02008

Quant Time: Dec 18 13:17:41 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121520MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 15 14:51:28 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.21	152	110427	20.00	ng/ul	0.00
18) Naphthalene-d8	11.04	136	445835	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.84	164	250202	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.56	188	510071	20.00	ng/ul	0.00
78) Chrysene-d12	21.67	240	496358	20.00	ng/ul	0.00
86) Perylene-d12	24.04	264	513940	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.42	96	20753	7.47	ng/uL	0.00
5) Phenol-d5	7.35	99	173928	18.70	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.52	67	108425	18.40	ng/ul	0.00
9) 2-Chlorophenol-d4	7.73	132	149280	19.03	ng/ul	0.00
13) 4-Methylphenol-d8	8.92	113	140156	18.47	ng/ul	0.00
19) Nitrobenzene-d5	9.39	128	67929	19.43	ng/ul	0.00
22) 2-Nitrophenol-d4	10.11	143	72245	20.30	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.65	165	137144	19.03	ng/ul	0.00
29) 4-Chloroaniline-d4	11.17	131	149566	17.51	ng/ul	0.00
44) Dimethylphthalate-d6	14.23	166	367729	19.08	ng/ul	0.00
47) Acenaphthylene-d8	14.53	160	465707	19.26	ng/ul	0.00
52) 4-Nitrophenol-d4	15.00	143	69894	19.94	ng/ul	0.00
58) Fluorene-d10	15.82	176	317857	18.43	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.93	200	56224	18.51	ng/ul	0.00
71) Anthracene-d10	17.65	188	479783	18.95	ng/ul	0.00
79) Pyrene-d10	19.91	212	512139	18.50	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.89	264	526603	18.60	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.46	88	21238	7.409	ng/uL	94
4) Benzaldehyde	7.33	77	81851	18.477	ng/ul	98
6) Phenol	7.37	94	174224	18.737	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.62	93	142272	18.437	ng/ul	94
10) 2-Chlorophenol	7.76	128	149601	18.685	ng/ul	98
11) 2-Methylphenol	8.65	108	131077	18.486	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.75	45	234484	17.818	ng/ul	99
14) Acetophenone	9.04	105	205158	18.020	ng/ul	97
15) N-Nitroso-di-n-propylamine	9.02	70	100216	17.498	ng/ul	96
16) 4-Methylphenol	8.98	108	139912	18.372	ng/ul	95
17) Hexachloroethane	9.31	117	64228	18.876	ng/ul	99
20) Nitrobenzene	9.43	77	158862	18.366	ng/ul	96
21) Isophorone	9.96	82	282726	18.804	ng/ul	99
23) 2-Nitrophenol	10.15	139	77034	19.641	ng/ul	98
24) 2,4-Dimethylphenol	10.19	107	152866	18.373	ng/ul	97
25) Bis(2-Chloroethoxy)methane	10.43	93	184216	18.044	ng/ul	100
27) 2,4-Dichlorophenol	10.68	162	132750	18.939	ng/ul	98
28) Naphthalene	11.09	128	465996	18.432	ng/ul	99
30) 4-Chloroaniline	11.19	127	144248	17.521	ng/ul	99
31) Hexachlorobutadiene	11.37	225	84805	18.284	ng/ul	99
32) Caprolactam	11.96	113	39509	19.627	ng/ul	88
33) 4-Chloro-3-methylphenol	12.29	107	135590	18.404	ng/ul	99
34) 2-Methylnaphthalene	12.68	142	314146	18.246	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.90	142	364641	18.096 ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	13.05	216	156192	19.047 ng/ul	98
38) Hexachlorocyclopentadiene	13.02	237	78508	15.802 ng/ul	98
39) 2,4,6-Trichlorophenol	13.28	196	98799	19.799 ng/ul	98
40) 2,4,5-Trichlorophenol	13.35	196	104990	19.436 ng/ul	99
41) 1,1'-Biphenyl	13.67	154	393003	18.639 ng/ul	99
42) 2-Chloronaphthalene	13.72	162	308268	18.683 ng/ul	99
43) 2-Nitroaniline	13.92	65	85231	19.306 ng/ul	99
45) Dimethylphthalate	14.28	163	372117	18.892 ng/ul	100
46) 2,6-Dinitrotoluene	14.40	165	73964	19.753 ng/ul	99
48) Acenaphthylene	14.56	152	466762	19.041 ng/ul	99
49) 3-Nitroaniline	14.73	138	60367	17.915 ng/ul	96
50) Acenaphthene	14.90	153	328340	18.662 ng/ul	99
51) 2,4-Dinitrophenol	14.94	184	37798	18.046 ng/ul	96
53) 4-Nitrophenol	15.02	109	50804	18.627 ng/ul	96
54) Dibenzofuran	15.23	168	447107	18.568 ng/ul	96
55) 2,4-Dinitrotoluene	15.18	165	105241	19.519 ng/ul	98
56) 2,3,4,6-Tetrachlorophenol	15.45	232	88620	19.751 ng/ul	99
57) Diethylphthalate	15.63	149	378554	18.898 ng/ul	99
59) Fluorene	15.87	166	374269	18.614 ng/ul	97
60) 4-Chlorophenyl-phenylether	15.86	204	181609	18.538 ng/ul	99
61) 4-Nitroaniline	15.88	138	58190	16.810 ng/ul	96
64) 4,6-Dinitro-2-methylphenol	15.94	198	59275	18.099 ng/ul	98
65) N-Nitrosodiphenylamine	16.07	169	310693	18.724 ng/ul	100
66) 4-Bromophenyl-phenylether	16.74	248	109027	18.672 ng/ul	96
67) Hexachlorobenzene	16.87	284	125683	18.822 ng/ul	96
68) Atrazine	17.00	200	108524	19.484 ng/ul	100
69) Pentachlorophenol	17.20	266	70193	18.630 ng/ul	95
70) Phenanthrene	17.60	178	574541	18.606 ng/ul	100
72) Anthracene	17.69	178	588851	18.739 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.65	216	152511	18.894 ng/uL	99
74) Pentachlorobenzene	15.15	250	146194	18.619 ng/uL	99
75) Carbazole	17.95	167	509799	19.448 ng/ul	99
76) Di-n-butylphthalate	18.49	149	654272	20.277 ng/ul	99
77) Fluoranthene	19.58	202	656739	20.151 ng/ul	98
80) Pyrene	19.94	202	676505	18.086 ng/ul	99
81) Butylbenzylphthalate	20.80	149	293337	20.892 ng/ul	97
82) 3,3'-Dichlorobenzidine	21.58	252	183318	19.282 ng/ul	99
83) Benzo(a)anthracene	21.65	228	626654	18.836 ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.56	149	437739	21.970 ng/ul	98
85) Chrysene	21.70	228	606835	18.559 ng/ul	100
87) Di-n-octyl phthalate	22.47	149	744450	20.118 ng/ul	100
88) Benzo(b)fluoranthene	23.32	252	648002	18.648 ng/ul	99
89) Benzo(k)fluoranthene	23.37	252	603328	17.506 ng/ul	100
91) Benzo(a)pyrene	23.93	252	577590	18.442 ng/ul	99
92) Indeno(1,2,3-cd)pyrene	26.47	276	704444	19.694 ng/ul	99
93) Dibenzo(a,h)anthracene	26.49	278	594272	19.601 ng/ul	100
94) Benzo(g,h,i)perylene	27.22	276	589272	19.616 ng/ul	99

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

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