Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM011921\
Data File : BM028453.D
Acq On : 19 Jan 2021 10:56
Operator : CG/JU
Sample : SSTD01013
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD010013

Quant Time: Jan 19 12:32:51 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM011921.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jan 19 12:22:08 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	31049	20.00	ng/ul	0.00
20) Naphthalene-d8	10.90	136	124365	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.72	164	70039	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.45	188	138012	20.00	ng/ul	0.00
79) Chrysene-d12	21.57	240	121655	20.00	ng/ul	0.00
88) Perylene-d12	23.88	264	119242	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.33	96	2995	3.91	ng/uL	0.00
4) Pyridine-d5	3.79	84	19804	9.08	ng/ul	0.00
7) Phenol-d5	7.23	99	25300	9.63	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.40	67	16221	10.00	ng/ul	0.00
11) 2-Chlorophenol-d4	7.60	132	21990	9.98	ng/ul	0.00
15) 4-Methylphenol-d8	8.79	113	19980	9.42	ng/ul	0.00
21) Nitrobenzene-d5	9.26	128	9729	9.66	ng/ul	0.00
24) 2-Nitrophenol-d4	9.98	143	10199	9.55	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.52	165	19845	9.88	ng/ul	0.00
31) 4-Chloroaniline-d4	11.03	131	24683	8.99	ng/ul	0.00
46) Dimethylphthalate-d6	14.12	166	55341	10.46	ng/ul	0.00
49) Acenaphthylene-d8	14.42	160	66286	9.86	ng/ul	0.00
54) 4-Nitrophenol-d4	14.90	143	8968	8.80	ng/ul	0.00
60) Fluorene-d10	15.70	176	46700	9.97	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.82	200	7025	7.86	ng/ul	0.00
73) Anthracene-d10	17.55	188	66630	9.77	ng/ul	0.00
81) Pyrene-d10	19.81	212	67498	9.66	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.73	264	63029	9.85	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.37	88	3172	4.027	ng/uL	91
5) Pyridine	3.81	79	20258	9.229	ng/ul	99
6) Benzaldehyde	7.21	77	11948	11.734	ng/ul	98
8) Phenol	7.26	94	25612	9.620	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.49	93	21451	9.881	ng/ul	95
12) 2-Chlorophenol	7.63	128	21877	9.637	ng/ul	97
13) 2-Methylphenol	8.52	108	19170	9.501	ng/ul	99
14) 2,2'-oxybis(1-Chloropropan	8.61	45	36376	10.143	ng/ul	99
16) Acetophenone	8.92	105	31382	9.700	ng/ul	100
17) N-Nitroso-di-n-propylamine	8.89	70	15378	9.641	ng/ul	99
18) 4-Methylphenol	8.85	108	20326	9.372	ng/ul	96
19) Hexachloroethane	9.17	117	9645	9.955	ng/ul	99
22) Nitrobenzene	9.30	77	24465	9.944	ng/ul	96
23) Isophorone	9.82	82	42283	10.171	ng/ul	98
25) 2-Nitrophenol	10.01	139	11296	9.578	ng/ul	97
26) 2,4-Dimethylphenol	10.06	107	22717	9.853	ng/ul	99
27) Bis(2-Chloroethoxy)methane	10.30	93	27856	10.128	ng/ul	98
29) 2,4-Dichlorophenol	10.55	162	19511	9.923	ng/ul	98
30) Naphthalene	10.95	128	69599	9.895	ng/ul	98
32) 4-Chloroaniline	11.06	127	24390	9.098	ng/ul	98
33) Hexachlorobutadiene	11.23	225	13561	10.518	ng/ul	98
34) Caprolactam	11.83	113	5229	8.848	ng/ul	95
35) 4-Chloro-3-methylphenol	12.17	107	19985	9.830	ng/ul	99
36) 2-Methylnaphthalene	12.56	142	46692	9.930	ng/ul	98
37) 1-Methylnaphthalene	12.77	142	44988	9.935	ng/ul	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) 1,2,4,5-Tetrachlorobenzene	12.92	216	23380	9.916	ng/ul	98
40) Hexachlorocyclopentadiene	12.89	237	9271	6.764	ng/ul	97
41) 2,4,6-Trichlorophenol	13.16	196	14593	9.956	ng/ul	98
42) 2,4,5-Trichlorophenol	13.23	196	15382	9.685	ng/ul	95
43) 1,1'-Biphenyl	13.56	154	59787	9.998	ng/ul	99
44) 2-Chloronaphthalene	13.60	162	46238	9.758	ng/ul	99
45) 2-Nitroaniline	13.80	65	12366	9.459	ng/ul	98
47) Dimethylphthalate	14.17	163	56299	10.252	ng/ul	99
48) 2,6-Dinitrotoluene	14.29	165	10737	9.851	ng/ul	95
50) Acenaphthylene	14.45	152	67847	9.813	ng/ul	99
51) 3-Nitroaniline	14.62	138	9886	9.522	ng/ul	99
52) Acenaphthene	14.78	153	49576	9.987	ng/ul	100
53) 2,4-Dinitrophenol	14.83	184	4375	6.694	ng/ul	95
55) 4-Nitrophenol	14.92	109	7561	9.560	ng/ul	93
56) Dibenzofuran	15.12	168	65821	9.840	ng/ul	100
57) 2,4-Dinitrotoluene	15.08	165	14351	9.379	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.34	232	12550	9.783	ng/ul	95
59) Diethylphthalate	15.52	149	58177	10.686	ng/ul	100
61) Fluorene	15.76	166	54763	9.832	ng/ul	98
62) 4-Chlorophenyl-phenylether	15.75	204	27509	10.190	ng/ul	98
63) 4-Nitroaniline	15.77	138	9477	10.452	ng/ul	93
66) 4,6-Dinitro-2-methylphenol	15.84	198	7746	8.031	ng/ul	95
67) N-Nitrosodiphenylamine	15.96	169	44681	9.813	ng/ul	99
68) 4-Bromophenyl-phenylether	16.64	248	16245	10.136	ng/ul	97
69) Hexachlorobenzene	16.76	284	18717	10.163	ng/ul	97
70) Atrazine	16.90	200	15777	9.987	ng/ul	99
71) Pentachlorophenol	17.10	266	9289	8.721	ng/ul	96
72) Phenanthrene	17.49	178	82862	9.856	ng/ul	99
74) Anthracene	17.58	178	83581	9.779	ng/ul	100
75) 1,2,3,4-Tetrachlorobenzene	13.52	216	22694	9.811	ng/uL	99
76) Pentachlorobenzene	15.03	250	22618	10.065	ng/uL	98
77) Carbazole	17.85	167	69554	9.471	ng/ul	99
78) Di-n-butylphthalate	18.39	149	95294	11.189	ng/ul	99
80) Fluoranthene	19.48	202	89035	9.703	ng/ul	99
82) Pyrene	19.84	202	91930	9.685	ng/ul	99
83) Butylbenzylphthalate	20.71	149	40314	11.467	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.48	252	28598	11.207	ng/ul	96
85) Benzo(a)anthracene	21.56	228	82520	10.135	ng/ul	99
86) Bis(2-ethylhexyl)phthalate	21.47	149	62912	13.036	ng/ul	99
87) Chrysene	21.60	228	79808	9.902	ng/ul	99
89) Di-n-octyl phthalate	22.36	149	101807	11.911	ng/ul	100
90) Benzo(b)fluoranthene	23.18	252	79890	9.970	ng/ul	100
91) Benzo(k)fluoranthene	23.23	252	77381	9.772	ng/ul	100
93) Benzo(a)pyrene	23.78	252	71599	9.861	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.24	276	84168	9.888	ng/ul	99
95) Dibenzo(a,h)anthracene	26.25	278	71892	9.958	ng/ul	99
96) Benzo(g,h,i)perylene	26.97	276	70589	9.763	ng/ul	98

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

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