Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040721\
Data File : BM029364.D
Acq On : 07 Apr 2021 10:14
Operator : CG/JU
Sample : SSTD01005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD01005

Manual Integrations APPROVED
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Quant Time: Apr 07 11:41:13 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM040721MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Apr 07 11:34:34 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	87479	20.00	ng/ul	0.00
18) Naphthalene-d8	10.47	136	351899	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.33	164	202977	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.07	188	410014	20.00	ng/ul	0.00
78) Chrysene-d12	21.24	240	417905	20.00	ng/ul	0.00
86) Perylene-d12	23.46	264	428361	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.19	96	9313	4.79	ng/uL	0.00
5) Phenol-d5	6.86	99	66668	10.55	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.03	67	44858	12.48	ng/ul	0.00
9) 2-Chlorophenol-d4	7.23	132	52177	9.23	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	51821	10.19	ng/ul	0.00
19) Nitrobenzene-d5	8.84	128	22737	8.98	ng/ul	0.00
22) 2-Nitrophenol-d4	9.56	143	22444	7.92	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	48211	9.18	ng/ul	0.00
29) 4-Chloroaniline-d4	10.61	131	63899	10.72	ng/ul	0.00
44) Dimethylphthalate-d6	13.74	166	140962	10.10	ng/ul	0.00
47) Acenaphthylene-d8	14.02	160	174936	9.35	ng/ul	0.00
52) 4-Nitrophenol-d4	14.52	143	21731	8.95	ng/ul	0.00
58) Fluorene-d10	15.32	176	118534	9.74	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.44	200	17705	7.24	ng/ul	0.00
71) Anthracene-d10	17.16	188	179866	9.65	ng/ul	0.00
79) Pyrene-d10	19.46	212	192502	9.37	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.31	264	208886	9.60	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.23	88	9586	4.896	ng/uL	97
4) Benzaldehyde	6.84	77	47099m	14.991	ng/ul	
6) Phenol	6.89	94	72723	11.083	ng/ul	100
8) Bis(2-Chloroethyl)ether	7.12	93	56955	11.201	ng/ul	98
10) 2-Chlorophenol	7.26	128	57168	9.896	ng/ul	97
11) 2-Methylphenol	8.13	108	50668	10.231	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.23	45	84505	10.749	ng/ul	99
14) Acetophenone	8.51	105	86526	10.446	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.50	70	45257	12.348	ng/ul	98
16) 4-Methylphenol	8.46	108	55650	10.563	ng/ul	97
17) Hexachloroethane	8.76	117	23862	9.662	ng/ul	97
20) Nitrobenzene	8.89	77	70149	11.804	ng/ul	99
21) Isophorone	9.41	82	112488	11.212	ng/ul	99
23) 2-Nitrophenol	9.59	139	26987	8.479	ng/ul	95
24) 2,4-Dimethylphenol	9.65	107	64533	10.540	ng/ul	95
25) Bis(2-Chloroethoxy)methane	9.89	93	71656	10.917	ng/ul	99
27) 2,4-Dichlorophenol	10.12	162	49504	9.446	ng/ul	98
28) Naphthalene	10.52	128	178455	9.940	ng/ul	100
30) 4-Chloroaniline	10.63	127	66977	11.072	ng/ul	99
31) Hexachlorobutadiene	10.81	225	31019	9.076	ng/ul	97
32) Caprolactam	11.40	113	11831m	8.438	ng/ul	
33) 4-Chloro-3-methylphenol	11.76	107	51527	9.755	ng/ul	98
34) 2-Methylnaphthalene	12.14	142	120087	9.787	ng/ul	100

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35) 1-Methylnaphthalene	12.36	142	118893	10.066 ng/ul	97
37) 1,2,4,5-Tetrachlorobenzene	12.51	216	54892	8.682 ng/ul	96
38) Hexachlorocyclopentadiene	12.49	237	31682	12.964 ng/ul	99
39) 2,4,6-Trichlorophenol	12.75	196	33809	8.462 ng/ul	97
40) 2,4,5-Trichlorophenol	12.82	196	38434	9.023 ng/ul	98
41) 1,1'-Biphenyl	13.16	154	155766	9.844 ng/ul	99
42) 2-Chloronaphthalene	13.20	162	118507	9.498 ng/ul	97
43) 2-Nitroaniline	13.40	65	34315	10.619 ng/ul	98
45) Dimethylphthalate	13.79	163	146309	10.052 ng/ul	100
46) 2,6-Dinitrotoluene	13.90	165	24469	8.536 ng/ul	97
48) Acenaphthylene	14.05	152	169864	9.562 ng/ul	99
49) 3-Nitroaniline	14.23	138	24685	8.851 ng/ul	99
50) Acenaphthene	14.39	153	129892	10.102 ng/ul	98
51) 2,4-Dinitrophenol	14.44	184	11019	6.851 ng/ul	93
53) 4-Nitrophenol	14.54	109	23280	10.803 ng/ul	99
54) Dibenzofuran	14.73	168	177620	9.977 ng/ul	97
55) 2,4-Dinitrotoluene	14.69	165	36874	8.860 ng/ul	97
56) 2,3,4,6-Tetrachlorophenol	14.95	232	28354	8.601 ng/ul	98
57) Diethylphthalate	15.16	149	148103	10.065 ng/ul	99
59) Fluorene	15.37	166	148272	10.157 ng/ul	98
60) 4-Chlorophenyl-phenylether	15.37	204	69110	9.591 ng/ul	98
61) 4-Nitroaniline	15.39	138	27292	9.498 ng/ul	95
64) 4,6-Dinitro-2-methylphenol	15.45	198	18832	7.591 ng/ul#	98
65) N-Nitrosodiphenylamine	15.59	169	123909	9.837 ng/ul	98
66) 4-Bromophenyl-phenylether	16.27	248	36747	8.806 ng/ul	95
67) Hexachlorobenzene	16.37	284	42446	9.057 ng/ul	97
68) Atrazine	16.54	200	41213	9.299 ng/ul	98
69) Pentachlorophenol	16.72	266	19423	7.718 ng/ul	95
70) Phenanthrene	17.11	178	227583	10.126 ng/ul	99
72) Anthracene	17.20	178	233299	10.073 ng/ul	97
73) 1,2,3,4-Tetrachlorobenzene	13.12	216	55661	8.652 ng/uL	98
74) Pentachlorobenzene	14.64	250	51342	8.665 ng/uL	94
75) Carbazole	17.47	167	201588	9.854 ng/ul	100
76) Di-n-butylphthalate	18.04	149	231857	9.427 ng/ul	99
77) Fluoranthene	19.12	202	247118	10.084 ng/ul	99
80) Pyrene	19.49	202	262375	9.584 ng/ul	100
81) Butylbenzylphthalate	20.39	149	96128	8.098 ng/ul	94
82) 3,3'-Dichlorobenzidine	21.16	252	74617	8.853 ng/ul	97
83) Benzo(a)anthracene	21.23	228	253392	9.702 ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.17	149	155720	8.782 ng/ul	99
85) Chrysene	21.28	228	248442	9.806 ng/ul	100
87) Di-n-octyl phthalate	22.04	149	264468	8.134 ng/ul	100
88) Benzo(b)fluoranthene	22.79	252	259426	9.320 ng/ul	99
89) Benzo(k)fluoranthene	22.83	252	260860	10.043 ng/ul	99
91) Benzo(a)pyrene	23.36	252	233036	9.639 ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.67	276	306102	10.016 ng/ul	99
93) Dibenzo(a,h)anthracene	25.69	278	253601	9.722 ng/ul	99
94) Benzo(g,h,i)perylene	26.35	276	250873	9.827 ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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