Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111220\
Data File : BM027799.D
Acq On : 13 Nov 2020 01:50
Operator : JU/CG
Sample : SSTDICV020
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SICV07

Quant Time: Nov 13 02:51:46 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Nov 13 01:34:23 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.37	152	59660	20.00	ng/ul	0.00
18) Naphthalene-d8	11.22	136	235402	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.99	164	143588	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.70	188	286864	20.00	ng/ul	0.00
78) Chrysene-d12	21.80	240	227418	20.00	ng/ul	0.00
86) Perylene-d12	24.23	264	208063	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.53	96	11870	7.60	ng/uL	0.00
5) Phenol-d5	7.50	99	106348	18.87	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.68	67	67770	19.40	ng/ul	0.00
9) 2-Chlorophenol-d4	7.89	132	78761	18.71	ng/ul	0.00
13) 4-Methylphenol-d8	9.07	113	83838	19.06	ng/ul	0.00
19) Nitrobenzene-d5	9.55	128	38524	19.38	ng/ul	0.00
22) 2-Nitrophenol-d4	10.28	143	39777	19.13	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.82	165	81830	19.49	ng/ul	0.00
29) 4-Chloroaniline-d4	11.33	131	90225	20.05	ng/ul	0.00
44) Dimethylphthalate-d6	14.38	166	219468	19.27	ng/ul	0.00
47) Acenaphthylene-d8	14.69	160	279074	19.45	ng/ul	0.00
52) 4-Nitrophenol-d4	15.14	143	38434	19.00	ng/ul	0.00
58) Fluorene-d10	15.96	176	194043	19.25	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	16.06	200	32145	18.44	ng/ul	0.00
71) Anthracene-d10	17.80	188	275701	19.05	ng/ul	0.00
79) Pyrene-d10	20.04	212	275921	19.55	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.08	264	224792	19.25	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.57	88	12593	7.442	ng/uL	98
4) Benzaldehyde	7.49	77	66864	19.819	ng/ul	97
6) Phenol	7.53	94	107194	18.903	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.77	93	84593	19.052	ng/ul	94
10) 2-Chlorophenol	7.93	128	79142	18.834	ng/ul	97
11) 2-Methylphenol	8.81	108	78411	18.674	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.90	45	132397	19.388	ng/ul	97
14) Acetophenone	9.21	105	132248	18.980	ng/ul	98
15) N-Nitroso-di-n-propylamine	9.19	70	70929	19.384	ng/ul	97
16) 4-Methylphenol	9.14	108	85015	19.024	ng/ul	95
17) Hexachloroethane	9.49	117	36497	18.419	ng/ul	96
20) Nitrobenzene	9.59	77	112170	19.056	ng/ul	98
21) Isophorone	10.12	82	194099	19.941	ng/ul	99
23) 2-Nitrophenol	10.32	139	42834	19.519	ng/ul	94
24) 2,4-Dimethylphenol	10.36	107	101874	19.340	ng/ul	98
25) Bis(2-Chloroethoxy)methane	10.60	93	112802	19.639	ng/ul	98
27) 2,4-Dichlorophenol	10.85	162	76749	19.410	ng/ul	99
28) Naphthalene	11.27	128	252979	19.087	ng/ul	99
30) 4-Chloroaniline	11.36	127	88424	20.562	ng/ul	98
31) Hexachlorobutadiene	11.55	225	55060	18.530	ng/ul	94
32) Caprolactam	12.12	113	23524	19.900	ng/ul	88
33) 4-Chloro-3-methylphenol	12.45	107	90011	19.748	ng/ul	99
34) 2-Methylnaphthalene	12.85	142	177167	19.585	ng/ul	96

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	13.06	142	205327	19.450 ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	13.20	216	98890	18.827 ng/ul	99
38) Hexachlorocyclopentadiene	13.19	237	65328	18.539 ng/ul	99
39) 2,4,6-Trichlorophenol	13.43	196	63003	19.484 ng/ul	99
40) 2,4,5-Trichlorophenol	13.50	196	68411	19.556 ng/ul	96
41) 1,1'-Biphenyl	13.83	154	230591	19.067 ng/ul	99
42) 2-Chloronaphthalene	13.88	162	183286	18.764 ng/ul	98
43) 2-Nitroaniline	14.06	65	63818	19.640 ng/ul	93
45) Dimethylphthalate	14.43	163	226975	19.516 ng/ul	99
46) 2,6-Dinitrotoluene	14.54	165	45051	20.363 ng/ul	98
48) Acenaphthylene	14.72	152	267569	19.212 ng/ul	99
49) 3-Nitroaniline	14.87	138	36704	18.620 ng/ul	91
50) Acenaphthene	15.05	153	189369	19.113 ng/ul	98
51) 2,4-Dinitrophenol	15.07	184	23421	18.134 ng/ul#	46
53) 4-Nitrophenol	15.15	109	44554	18.616 ng/ul	96
54) Dibenzofuran	15.38	168	258992	18.931 ng/ul	99
55) 2,4-Dinitrotoluene	15.32	165	63757	20.095 ng/ul	95
56) 2,3,4,6-Tetrachlorophenol	15.59	232	53469	19.223 ng/ul	96
57) Diethylphthalate	15.77	149	225448	19.851 ng/ul	100
59) Fluorene	16.02	166	213272	19.173 ng/ul	100
60) 4-Chlorophenyl-phenylether	16.00	204	111168	19.377 ng/ul	94
61) 4-Nitroaniline	16.02	138	40955	18.594 ng/ul	96
64) 4,6-Dinitro-2-methylphenol	16.07	198	35718	19.624 ng/ul#	94
65) N-Nitrosodiphenylamine	16.21	169	175416	19.382 ng/ul	98
66) 4-Bromophenyl-phenylether	16.89	248	64886	20.071 ng/ul	95
67) Hexachlorobenzene	17.01	284	71843	19.258 ng/ul	97
68) Atrazine	17.14	200	62334	19.099 ng/ul	99
69) Pentachlorophenol	17.34	266	40631	18.700 ng/ul	97
70) Phenanthrene	17.74	178	327550	19.379 ng/ul	99
72) Anthracene	17.83	178	330877	19.250 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.80	216	96796	19.020 ng/uL	96
74) Pentachlorobenzene	15.30	250	88497	19.222 ng/uL	96
75) Carbazole	18.09	167	273636	18.973 ng/ul	98
76) Di-n-butylphthalate	18.62	149	334165	19.583 ng/ul	99
77) Fluoranthene	19.72	202	348855	18.640 ng/ul	98
80) Pyrene	20.07	202	354042	19.409 ng/ul	99
81) Butylbenzylphthalate	20.92	149	135204	19.358 ng/ul	99
82) 3,3'-Dichlorobenzidine	21.70	252	87477	19.886 ng/ul	97
83) Benzo(a)anthracene	21.78	228	306792	19.041 ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.68	149	178112	19.362 ng/ul	98
85) Chrysene	21.84	228	295946	18.959 ng/ul	98
87) Di-n-octyl phthalate	22.61	149	290869	18.671 ng/ul	100
88) Benzo(b)fluoranthene	23.49	252	282289	19.264 ng/ul	99
89) Benzo(k)fluoranthene	23.54	252	269940	19.117 ng/ul	98
91) Benzo(a)pyrene	24.13	252	249280	19.200 ng/ul	96
92) Indeno(1,2,3-cd)pyrene	26.76	276	281369	18.714 ng/ul	98
93) Dibenzo(a,h)anthracene	26.77	278	232958	18.571 ng/ul	98
94) Benzo(g,h,i)perylene	27.53	276	233847	18.535 ng/ul	97

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

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