Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120420\
Data File : BM028023.D
Acq On : 04 Dec 2020 10:38
Operator : JU/CG
Sample : L4485-01
Misc : MDL-SOIL--01
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MDL-SOIL-01

Quant Time: Dec 04 11:30:50 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM120320.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 04 11:20:16 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.29	152	207385	20.00	ng/ul	0.00
20) Naphthalene-d8	11.13	136	819711	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.91	164	451065	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.63	188	888752	20.00	ng/ul	0.00
79) Chrysene-d12	21.73	240	867220	20.00	ng/ul	0.00
88) Perylene-d12	24.14	264	914013	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.48	96	25048	4.51	ng/uL	0.00
4) Pyridine-d5	3.93	84	345137	23.04	ng/ul	0.00
7) Phenol-d5	7.42	99	566786	32.83	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.60	67	362355	33.77	ng/ul	0.00
11) 2-Chlorophenol-d4	7.81	132	480573	33.42	ng/ul	0.00
15) 4-Methylphenol-d8	8.99	113	461749	33.91	ng/ul	0.00
21) Nitrobenzene-d5	9.47	128	220495	34.65	ng/ul	0.00
24) 2-Nitrophenol-d4	10.20	143	225461	35.46	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.73	165	419253	32.51	ng/ul	0.00
31) 4-Chloroaniline-d4	11.25	131	597612	33.87	ng/ul	0.00
46) Dimethylphthalate-d6	14.31	166	1131846	33.92	ng/ul	0.00
49) Acenaphthylene-d8	14.61	160	1509720	35.24	ng/ul	0.00
54) 4-Nitrophenol-d4	15.07	143	198260	30.80	ng/ul	0.00
60) Fluorene-d10	15.89	176	977301	32.67	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	16.00	200	149994	29.08	ng/ul	0.00
73) Anthracene-d10	17.73	188	1429553	32.81	ng/ul	0.00
81) Pyrene-d10	19.98	212	1514913	33.28	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.99	264	1518530	31.21	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.52	88	4850	0.849	ng/uL	88
5) Pyridine	3.96	79	50341	3.349	ng/ul#	68
6) Benzaldehyde	7.41	77	39488	5.533	ng/ul	97
8) Phenol	7.45	94	55741	3.164	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.69	93	49498	3.412	ng/ul	97
12) 2-Chlorophenol	7.85	128	46811	3.162	ng/ul	99
13) 2-Methylphenol	8.73	108	39574	3.001	ng/ul	95
14) 2,2'-oxybis(1-Chloropropan	8.82	45	77538	3.322	ng/ul	98
16) Acetophenone	9.12	105	67177	3.297	ng/ul	98
17) N-Nitroso-di-n-propylamine	9.10	70	31300	3.233	ng/ul	99
18) 4-Methylphenol	9.06	108	44109	3.120	ng/ul	96
19) Hexachloroethane	9.40	117	20078	3.231	ng/ul	95
22) Nitrobenzene	9.51	77	52365	3.335	ng/ul	96
23) Isophorone	10.04	82	79643	3.032	ng/ul	98
25) 2-Nitrophenol	10.23	139	23928	3.327	ng/ul	98
26) 2,4-Dimethylphenol	10.27	107	46591	3.153	ng/ul	98
27) Bis(2-Chloroethoxy)methane	10.52	93	59400	3.294	ng/ul	98
29) 2,4-Dichlorophenol	10.76	162	40349	3.198	ng/ul	93
30) Naphthalene	11.17	128	150763	3.257	ng/ul	98
32) 4-Chloroaniline	11.27	127	58871	3.446	ng/ul	98
33) Hexachlorobutadiene	11.46	225	26824	3.247	ng/ul	98
34) Caprolactam	12.03	113	9049	2.489	ng/ul	92

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 4-Chloro-3-methylphenol	12.37	107	37833	2.989 ng/ul	96
36) 2-Methylnaphthalene	12.76	142	97137	3.192 ng/ul	100
37) 1-Methylnaphthalene	12.98	142	94365	3.225 ng/ul	97
39) 1,2,4,5-Tetrachlorobenzene	13.12	216	48455	3.156 ng/ul	99
40) Hexachlorocyclopentadiene	13.10	237	22545	2.577 ng/ul	98
41) 2,4,6-Trichlorophenol	13.35	196	26262	2.855 ng/ul	95
42) 2,4,5-Trichlorophenol	13.42	196	29400	2.976 ng/ul	99
43) 1,1'-Biphenyl	13.75	154	122321	3.165 ng/ul	97
44) 2-Chloronaphthalene	13.80	162	97917	3.216 ng/ul	99
45) 2-Nitroaniline	13.99	65	20377	2.691 ng/ul	100
47) Dimethylphthalate	14.35	163	111664	3.236 ng/ul	99
48) 2,6-Dinitrotoluene	14.47	165	17474	2.668 ng/ul	89
50) Acenaphthylene	14.64	152	142418	3.208 ng/ul	99
51) 3-Nitroaniline	14.80	138	19011	2.924 ng/ul	95
52) Acenaphthene	14.97	153	100784	3.163 ng/ul	96
53) 2,4-Dinitrophenol	15.00	184	6980	1.852 ng/ul	94
55) 4-Nitrophenol	15.09	109	15178	3.207 ng/ul	91
56) Dibenzofuran	15.30	168	138260	3.204 ng/ul	100
57) 2,4-Dinitrotoluene	15.25	165	25498	2.778 ng/ul#	85
58) 2,3,4,6-Tetrachlorophenol	15.52	232	23179	2.921 ng/ul	95
59) Diethylphthalate	15.70	149	105642	3.125 ng/ul	99
61) Fluorene	15.94	166	113016	3.208 ng/ul	99
62) 4-Chlorophenyl-phenylether	15.93	204	56090	3.251 ng/ul	99
63) 4-Nitroaniline	15.94	138	19227	3.338 ng/ul	90
66) 4,6-Dinitro-2-methylphenol	16.01	198	17211	3.030 ng/ul#	87
67) N-Nitrosodiphenylamine	16.14	169	88976	3.044 ng/ul	98
68) 4-Bromophenyl-phenylether	16.82	248	31654	3.116 ng/ul	92
69) Hexachlorobenzene	16.94	284	37682	3.216 ng/ul	99
70) Atrazine	17.07	200	28051	2.836 ng/ul	99
71) Pentachlorophenol	17.27	266	16547	2.523 ng/ul	94
72) Phenanthrene	17.67	178	172538	3.193 ng/ul	100
74) Anthracene	17.76	178	176060	3.199 ng/ul	98
75) 1,2,3,4-Tetrachlorobenzene	13.72	216	47984	3.197 ng/uL	95
76) Pentachlorobenzene	15.22	250	45802	3.184 ng/uL	98
77) Carbazole	18.02	167	141179	3.014 ng/ul	98
78) Di-n-butylphthalate	18.56	149	153715	2.879 ng/ul	98
80) Fluoranthene	19.65	202	182838	3.065 ng/ul	99
82) Pyrene	20.01	202	200398	3.219 ng/ul	99
83) Butylbenzylphthalate	20.86	149	61833	2.767 ng/ul	98
84) 3,3'-Dichlorobenzidine	21.64	252	58099	3.023 ng/ul#	97
85) Benzo(a)anthracene	21.72	228	182847	3.176 ng/ul	98
86) Bis(2-ethylhexyl)phthalate	21.62	149	93974	2.780 ng/ul	99
87) Chrysene	21.77	228	185822	3.266 ng/ul	100
89) Di-n-octyl phthalate	22.54	149	162421	2.622 ng/ul	100
90) Benzo(b)fluoranthene	23.40	252	186344	3.090 ng/ul	97
91) Benzo(k)fluoranthene	23.45	252	183489	3.153 ng/ul	99
93) Benzo(a)pyrene	24.03	252	177388	3.234 ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.61	276	212700	3.158 ng/ul	99
95) Dibenzo(a,h)anthracene	26.62	278	180745	3.175 ng/ul	98
96) Benzo(g,h,i)perylene	27.37	276	176707	3.110 ng/ul	97

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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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