Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120820\
Data File : BM028086.D
Acq On : 09 Dec 2020 00:48
Operator : JU/CG
Sample : L4485-20
Misc : ME-SOIL--01
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MDL-ME-SOIL-06

Manual Integrations APPROVED
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12/9/2020 12:27:33 PM

Quant Time: Dec 09 04:14:38 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM120820.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 09 03:34:15 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.28	152	234256	20.00	ng/ul	0.00
20) Naphthalene-d8	11.12	136	976876	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.90	164	578842	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.62	188	1208952	20.00	ng/ul	0.00
79) Chrysene-d12	21.73	240	1157008	20.00	ng/ul	-0.01
88) Perylene-d12	24.13	264	1173586	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.46	96	25531	4.17	ng/uL	0.00
4) Pyridine-d5	3.92	84	342126	20.42	ng/ul	0.00
7) Phenol-d5	7.41	99	643626	32.19	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.59	67	421922	33.21	ng/ul	0.00
11) 2-Chlorophenol-d4	7.80	132	548047	32.92	ng/ul	0.00
15) 4-Methylphenol-d8	8.98	113	541625	33.19	ng/ul	0.00
21) Nitrobenzene-d5	9.46	128	265286	33.66	ng/ul	0.00
24) 2-Nitrophenol-d4	10.19	143	276319	34.04	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.72	165	502489	31.51	ng/ul	0.00
31) 4-Chloroaniline-d4	11.24	131	723775	32.53	ng/ul	0.00
46) Dimethylphthalate-d6	14.30	166	1530462	33.25	ng/ul	0.00
49) Acenaphthylene-d8	14.60	160	1935082	34.60	ng/ul	0.00
54) 4-Nitrophenol-d4	15.07	143	270193	31.16	ng/ul	0.00
60) Fluorene-d10	15.89	176	1279171	31.95	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.99	200	216501	29.31	ng/ul	0.00
73) Anthracene-d10	17.72	188	1944707	32.32	ng/ul	0.00
81) Pyrene-d10	19.97	212	2082190	33.14	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.98	264	1952085	30.38	ng/ul	0.00
Target Compounds						Qvalue
5) Pyridine	3.95	79	41534	2.472	ng/ul#	78
6) Benzaldehyde	7.40	77	34181	4.378	ng/ul	96
8) Phenol	7.44	94	46885	2.326	ng/ul	94
10) Bis(2-Chloroethyl)ether	7.68	93	43125	2.510	ng/ul	100
12) 2-Chlorophenol	7.83	128	41199	2.390	ng/ul	96
13) 2-Methylphenol	8.72	108	34711	2.237	ng/ul	99
14) 2,2'-oxybis(1-Chloropropan	8.80	45	68872	2.420	ng/ul	98
16) Acetophenone	9.11	105	57796	2.333	ng/ul	99
17) N-Nitroso-di-n-propylamine	9.10	70	27947	2.311	ng/ul	99
18) 4-Methylphenol	9.05	108	37987	2.264	ng/ul	95
19) Hexachloroethane	9.38	117	16325	2.208	ng/ul	97
22) Nitrobenzene	9.50	77	46342	2.422	ng/ul	98
23) Isophorone	10.03	82	76267	2.250	ng/ul	99
25) 2-Nitrophenol	10.22	139	22204	2.468	ng/ul	98
26) 2,4-Dimethylphenol	10.26	107	41468	2.282	ng/ul	99
27) Bis(2-Chloroethoxy)methane	10.50	93	52863	2.304	ng/ul	99
29) 2,4-Dichlorophenol	10.75	162	37119	2.364	ng/ul#	88
30) Naphthalene	11.16	128	133375	2.363	ng/ul	99
32) 4-Chloroaniline	11.26	127	52967	2.446	ng/ul	97
33) Hexachlorobutadiene	11.45	225	24172	2.362	ng/ul	96
34) Caprolactam	12.06	113	9587m	1.945	ng/ul	
35) 4-Chloro-3-methylphenol	12.36	107	36108	2.236	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 2-Methylnaphthalene	12.75	142	90350	2.355 ng/ul	99
37) 1-Methylnaphthalene	12.97	142	85451	2.316 ng/ul	99
39) 1,2,4,5-Tetrachlorobenzene	13.12	216	45532	2.332 ng/ul	96
40) Hexachlorocyclopentadiene	13.09	237	20521	1.792 ng/ul	96
41) 2,4,6-Trichlorophenol	13.35	196	25435	2.121 ng/ul	88
42) 2,4,5-Trichlorophenol	13.41	196	27198	2.099 ng/ul	96
43) 1,1'-Biphenyl	13.75	154	118151	2.356 ng/ul	98
44) 2-Chloronaphthalene	13.79	162	89343	2.275 ng/ul	98
45) 2-Nitroaniline	13.98	65	20023	1.944 ng/ul	93
47) Dimethylphthalate	14.35	163	112553	2.374 ng/ul	98
48) 2,6-Dinitrotoluene	14.47	165	17429	1.917 ng/ul	97
50) Acenaphthylene	14.63	152	137178	2.371 ng/ul	99
51) 3-Nitroaniline	14.79	138	19087	2.242 ng/ul	98
52) Acenaphthene	14.97	153	96373	2.310 ng/ul	98
53) 2,4-Dinitrophenol	15.00	184	7066	1.351 ng/ul	99
55) 4-Nitrophenol	15.08	109	15290	2.385 ng/ul	90
56) Dibenzofuran	15.29	168	134374	2.364 ng/ul	95
57) 2,4-Dinitrotoluene	15.24	165	26462	2.072 ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.52	232	22785	2.080 ng/ul#	98
59) Diethylphthalate	15.69	149	110607	2.288 ng/ul	98
61) Fluorene	15.94	166	111032	2.347 ng/ul	98
62) 4-Chlorophenyl-phenylether	15.92	204	56183	2.410 ng/ul	98
63) 4-Nitroaniline	15.94	138	20124	2.862 ng/ul	97
66) 4,6-Dinitro-2-methylphenol	16.00	198	18163	2.263 ng/ul#	77
67) N-Nitrosodiphenylamine	16.13	169	90510	2.275 ng/ul	97
68) 4-Bromophenyl-phenylether	16.81	248	32516	2.287 ng/ul	98
69) Hexachlorobenzene	16.93	284	37462	2.310 ng/ul	94
70) Atrazine	17.06	200	29672	2.079 ng/ul	99
71) Pentachlorophenol	17.27	266	16641	1.777 ng/ul	95
72) Phenanthrene	17.66	178	175091	2.348 ng/ul	100
74) Anthracene	17.75	178	177406	2.334 ng/ul	98
75) 1,2,3,4-Tetrachlorobenzene	13.72	216	43956	2.264 ng/uL	97
76) Pentachlorobenzene	15.22	250	43659	2.263 ng/uL	96
77) Carbazole	18.01	167	144315	2.236 ng/ul	98
78) Di-n-butylphthalate	18.55	149	173299	2.062 ng/ul	99
80) Fluoranthene	19.64	202	192455	2.353 ng/ul	99
82) Pyrene	20.00	202	210433	2.484 ng/ul	98
83) Butylbenzylphthalate	20.86	149	71586	2.011 ng/ul	96
84) 3,3'-Dichlorobenzidine	21.63	252	60283	2.308 ng/ul	99
85) Benzo(a)anthracene	21.71	228	188494	2.392 ng/ul	98
86) Bis(2-ethylhexyl)phthalate	21.61	149	112313	2.061 ng/ul	100
87) Chrysene	21.76	228	185323	2.399 ng/ul	99
89) Di-n-octyl phthalate	22.53	149	182880	1.946 ng/ul	100
90) Benzo(b)fluoranthene	23.39	252	182716	2.264 ng/ul	99
91) Benzo(k)fluoranthene	23.44	252	180581	2.315 ng/ul	98
93) Benzo(a)pyrene	24.02	252	173427	2.401 ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.60	276	199255	2.316 ng/ul	100
95) Dibenzo(a,h)anthracene	26.60	278	169536	2.317 ng/ul	97
96) Benzo(g,h,i)perylene	27.36	276	164429	2.278 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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