Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120720\
Data File : BM028064.D
Acq On : 07 Dec 2020 18:21
Operator : JU/CG
Sample : L4485-19
Misc : ME-SOIL--02
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MDL-ME-SOIL-05

Manual Integrations APPROVED
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12/8/2020 2:06:43 PM

Quant Time: Dec 08 06:30:27 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM120320.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 08 06:21:19 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.29	152	229674	20.00	ng/ul	0.00
20) Naphthalene-d8	11.12	136	963366	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.91	164	555317	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.62	188	1091209	20.00	ng/ul	0.00
79) Chrysene-d12	21.73	240	964533	20.00	ng/ul	0.00
88) Perylene-d12	24.14	264	933673	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.47	96	25268	4.11	ng/uL	0.00
4) Pyridine-d5	3.93	84	361684	21.80	ng/ul	0.00
7) Phenol-d5	7.42	99	597530	31.25	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.59	67	392088	33.00	ng/ul	0.00
11) 2-Chlorophenol-d4	7.80	132	505812	31.76	ng/ul	0.00
15) 4-Methylphenol-d8	8.99	113	503147	33.37	ng/ul	0.00
21) Nitrobenzene-d5	9.46	128	240701	32.18	ng/ul	0.00
24) 2-Nitrophenol-d4	10.19	143	249027	33.32	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.73	165	463174	30.56	ng/ul	0.00
31) 4-Chloroaniline-d4	11.25	131	665166	32.08	ng/ul	0.00
46) Dimethylphthalate-d6	14.30	166	1334416	32.48	ng/ul	0.00
49) Acenaphthylene-d8	14.60	160	1741542	33.02	ng/ul	0.00
54) 4-Nitrophenol-d4	15.07	143	222306	28.06	ng/ul	0.00
60) Fluorene-d10	15.89	176	1121523	30.46	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.99	200	172455	27.23	ng/ul	0.00
73) Anthracene-d10	17.72	188	1622561	30.33	ng/ul	0.00
81) Pyrene-d10	19.97	212	1666454	32.91	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.99	264	1486400	29.90	ng/ul	0.00
Target Compounds						Qvalue
5) Pyridine	3.96	79	44477	2.672	ng/ul#	69
6) Benzaldehyde	7.40	77	37496	4.744	ng/ul	97
8) Phenol	7.45	94	49331	2.528	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.69	93	45233	2.816	ng/ul	98
12) 2-Chlorophenol	7.84	128	43528	2.655	ng/ul	98
13) 2-Methylphenol	8.72	108	36616	2.507	ng/ul	99
14) 2,2'-oxybis(1-Chloropropan	8.82	45	72747	2.814	ng/ul	99
16) Acetophenone	9.12	105	61517	2.726	ng/ul	96
17) N-Nitroso-di-n-propylamine	9.10	70	29366	2.739	ng/ul	98
18) 4-Methylphenol	9.05	108	40270	2.572	ng/ul	94
19) Hexachloroethane	9.39	117	16761	2.436	ng/ul	91
22) Nitrobenzene	9.50	77	48637	2.635	ng/ul#	96
23) Isophorone	10.03	82	78683	2.549	ng/ul	99
25) 2-Nitrophenol	10.22	139	23114	2.735	ng/ul	98
26) 2,4-Dimethylphenol	10.27	107	43696	2.516	ng/ul	97
27) Bis(2-Chloroethoxy)methane	10.50	93	57191	2.698	ng/ul	97
29) 2,4-Dichlorophenol	10.75	162	38178	2.574	ng/ul#	85
30) Naphthalene	11.17	128	141678	2.604	ng/ul	99
32) 4-Chloroaniline	11.27	127	54871	2.733	ng/ul	100
33) Hexachlorobutadiene	11.45	225	24948	2.569	ng/ul	97
34) Caprolactam	12.05	113	8707m	2.038	ng/ul	
35) 4-Chloro-3-methylphenol	12.36	107	36404	2.447	ng/ul	98

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36) 2-Methylnaphthalene	12.76	142	91922	2.570 ng/ul	95
37) 1-Methylnaphthalene	12.97	142	89578	2.605 ng/ul	99
39) 1,2,4,5-Tetrachlorobenzene	13.12	216	46364	2.453 ng/ul	95
40) Hexachlorocyclopentadiene	13.10	237	19936	1.851 ng/ul	97
41) 2,4,6-Trichlorophenol	13.35	196	25582	2.259 ng/ul	95
42) 2,4,5-Trichlorophenol	13.42	196	28760	2.365 ng/ul	94
43) 1,1'-Biphenyl	13.74	154	120200	2.526 ng/ul	100
44) 2-Chloronaphthalene	13.79	162	95050	2.536 ng/ul	97
45) 2-Nitroaniline	13.99	65	20147	2.162 ng/ul	96
47) Dimethylphthalate	14.34	163	113912	2.682 ng/ul	99
48) 2,6-Dinitrotoluene	14.47	165	16774	2.080 ng/ul	91
50) Acenaphthylene	14.63	152	138469	2.533 ng/ul	99
51) 3-Nitroaniline	14.80	138	18259	2.281 ng/ul	98
52) Acenaphthene	14.97	153	98409	2.509 ng/ul	99
53) 2,4-Dinitrophenol	15.00	184	6386	1.377 ng/ul	91
55) 4-Nitrophenol	15.08	109	14445	2.479 ng/ul#	83
56) Dibenzofuran	15.30	168	135425	2.549 ng/ul	98
57) 2,4-Dinitrotoluene	15.25	165	24578	2.175 ng/ul#	91
58) 2,3,4,6-Tetrachlorophenol	15.52	232	22557	2.309 ng/ul	98
59) Diethylphthalate	15.69	149	106562	2.561 ng/ul	100
61) Fluorene	15.94	166	112215	2.587 ng/ul	96
62) 4-Chlorophenyl-phenylether	15.93	204	55221	2.600 ng/ul	97
63) 4-Nitroaniline	15.94	138	18098	2.552 ng/ul	96
66) 4,6-Dinitro-2-methylphenol	16.00	198	16362	2.346 ng/ul#	64
67) N-Nitrosodiphenylamine	16.13	169	90196	2.513 ng/ul	97
68) 4-Bromophenyl-phenylether	16.82	248	30557	2.450 ng/ul	93
69) Hexachlorobenzene	16.93	284	36175	2.514 ng/ul	98
70) Atrazine	17.06	200	27179	2.238 ng/ul	95
71) Pentachlorophenol	17.27	266	14372	1.785 ng/ul	94
72) Phenanthrene	17.67	178	169945	2.561 ng/ul	99
74) Anthracene	17.76	178	169179	2.504 ng/ul	99
75) 1,2,3,4-Tetrachlorobenzene	13.72	216	45721	2.481 ng/uL	98
76) Pentachlorobenzene	15.22	250	44305	2.509 ng/uL	98
77) Carbazole	18.02	167	133016	2.313 ng/ul	99
78) Di-n-butylphthalate	18.55	149	151401	2.310 ng/ul	99
80) Fluoranthene	19.64	202	174520	2.630 ng/ul	98
82) Pyrene	20.00	202	190195	2.747 ng/ul	99
83) Butylbenzylphthalate	20.86	149	59383	2.389 ng/ul	97
84) 3,3'-Dichlorobenzidine	21.64	252	50336	2.355 ng/ul#	98
85) Benzo(a)anthracene	21.71	228	163585	2.555 ng/ul	100
86) Bis(2-ethylhexyl)phthalate	21.61	149	89004	2.367 ng/ul	99
87) Chrysene	21.77	228	163382	2.582 ng/ul	99
89) Di-n-octyl phthalate	22.54	149	143760	2.271 ng/ul	100
90) Benzo(b)fluoranthene	23.40	252	161709	2.625 ng/ul	96
91) Benzo(k)fluoranthene	23.45	252	152925	2.573 ng/ul	99
93) Benzo(a)pyrene	24.03	252	142869	2.550 ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.61	276	170024	2.471 ng/ul	96
95) Dibenzo(a,h)anthracene	26.62	278	143984	2.476 ng/ul	98
96) Benzo(g,h,i)perylene	27.37	276	139704	2.407 ng/ul	97

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

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