Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071620\
Data File : BM026794.D
Acq On : 16 Jul 2020 21:19
Operator : JU/CG
Sample : L1955-21
Misc : MDL-SOIL-ME-07
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MDL-ME-SOIL-07

Manual Integrations APPROVED
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7/17/2020 12:31:11 PM

Quant Time: Jul 17 01:12:09 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM063020MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 16 13:06:40 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.30	152	66027	20.00	ng/ul	0.00
18) Naphthalene-d8	10.05	136	300001	20.00	ng/ul	0.00
36) Acenaphthene-d10	13.97	164	210766	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.72	188	471223	20.00	ng/ul	0.00
78) Chrysene-d12	20.95	240	531755	20.00	ng/ul	0.00
86) Perylene-d12	23.01	264	621249	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.90	96	11433	5.20	ng/uL	0.00
5) Phenol-d5	6.52	99	193967	32.07	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.67	67	146049	35.71	ng/ul	0.00
9) 2-Chlorophenol-d4	6.85	132	150953	32.49	ng/ul	0.00
13) 4-Methylphenol-d8	8.04	113	165269	34.17	ng/ul	0.00
19) Nitrobenzene-d5	8.45	128	79954	33.70	ng/ul	0.00
22) 2-Nitrophenol-d4	9.17	143	90189	35.65	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.70	165	160333	32.37	ng/ul	0.00
29) 4-Chloroaniline-d4	10.21	131	232325	44.54	ng/ul	0.00
44) Dimethylphthalate-d6	13.40	166	605585	36.02	ng/ul	0.00
47) Acenaphthylene-d8	13.65	160	693816	34.15	ng/ul	0.00
52) 4-Nitrophenol-d4	14.22	143	75907	31.28	ng/ul	0.00
58) Fluorene-d10	14.97	176	497405	33.79	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.12	200	98628	33.50	ng/ul	0.00
71) Anthracene-d10	16.82	188	790232	34.05	ng/ul	0.00
79) Pyrene-d10	19.14	212	944737	34.19	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.89	264	1084692	32.35	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.94	88	3142	1.321	ng/uL#	79
4) Benzaldehyde	6.48	77	8456	2.633	ng/ul	94
6) Phenol	6.54	94	18365	2.762	ng/ul#	80
8) Bis(2-Chloroethyl)ether	6.75	93	16309	3.222	ng/ul	97
10) 2-Chlorophenol	6.88	128	14401	2.812	ng/ul	97
11) 2-Methylphenol	7.78	108	12941	2.724	ng/ul	86
12) 2,2'-oxybis(1-Chloropropan	7.84	45	34077	3.470	ng/ul#	96
14) Acetophenone	8.13	105	26425	3.225	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.12	70	15635	3.230	ng/ul#	87
16) 4-Methylphenol	8.10	108	15445	2.925	ng/ul	98
17) Hexachloroethane	8.35	117	6495	2.862	ng/ul	97
20) Nitrobenzene	8.50	77	22459	3.002	ng/ul	98
21) Isophorone	9.02	82	38625	3.071	ng/ul	99
23) 2-Nitrophenol	9.20	139	8726	2.981	ng/ul#	84
24) 2,4-Dimethylphenol	9.28	107	18557	2.753	ng/ul#	89
25) Bis(2-Chloroethoxy)methane	9.51	93	23665	3.165	ng/ul	97
27) 2,4-Dichlorophenol	9.72	162	14993	2.929	ng/ul	96
28) Naphthalene	10.11	128	50747	2.858	ng/ul	99
30) 4-Chloroaniline	10.24	127	21003	3.789	ng/ul	97
31) Hexachlorobutadiene	10.40	225	10938	2.948	ng/ul#	85
32) Caprolactam	11.08	113	3917m	2.771	ng/ul	
33) 4-Chloro-3-methylphenol	11.40	107	15390	2.642	ng/ul	98
34) 2-Methylnaphthalene	11.74	142	38030	3.057	ng/ul	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	11.96	142	36735	3.168	ng/ul	94
37) 1,2,4,5-Tetrachlorobenzene	12.12	216	19937	2.602	ng/ul#	87
38) Hexachlorocyclopentadiene	12.10	237	3071	0.786	ng/ul	96
39) 2,4,6-Trichlorophenol	12.39	196	10807	2.390	ng/ul	87
40) 2,4,5-Trichlorophenol	12.47	196	10164m	2.055	ng/ul	
41) 1,1'-Biphenyl	12.78	154	50212	2.752	ng/ul	98
42) 2-Chloronaphthalene	12.82	162	39032	2.718	ng/ul	96
43) 2-Nitroaniline	13.06	65	10848	2.247	ng/ul	99
45) Dimethylphthalate	13.44	163	55255	3.140	ng/ul	98
46) 2,6-Dinitrotoluene	13.57	165	9037	2.657	ng/ul#	92
48) Acenaphthylene	13.68	152	63356	2.912	ng/ul	99
49) 3-Nitroaniline	13.91	138	6085	2.152	ng/ul#	78
50) Acenaphthene	14.03	153	42709	2.777	ng/ul	91
51) 2,4-Dinitrophenol	14.15	184	1390	0.787	ng/ul#	74
53) 4-Nitrophenol	14.24	109	9543m	3.821	ng/ul	
54) Dibenzofuran	14.38	168	63128	2.893	ng/ul	97
55) 2,4-Dinitrotoluene	14.38	165	14606	2.888	ng/ul	87
56) 2,3,4,6-Tetrachlorophenol	14.62	232	11201	2.631	ng/ul#	97
57) Diethylphthalate	14.83	149	55907	3.161	ng/ul	97
59) Fluorene	15.03	166	53000	2.973	ng/ul	98
60) 4-Chlorophenyl-phenylether	15.04	204	28202	3.044	ng/ul	94
61) 4-Nitroaniline	15.08	138	6104m	1.909	ng/ul	
64) 4,6-Dinitro-2-methylphenol	15.14	198	9253	2.967	ng/ul#	15
65) N-Nitrosodiphenylamine	15.25	169	45397	2.881	ng/ul	98
66) 4-Bromophenyl-phenylether	15.93	248	16280	2.866	ng/ul	97
67) Hexachlorobenzene	16.04	284	18664	2.883	ng/ul#	89
68) Atrazine	16.23	200	16419	3.199	ng/ul	98
69) Pentachlorophenol	16.41	266	5837	1.829	ng/ul	97
70) Phenanthrene	16.77	178	86928	2.962	ng/ul	98
72) Anthracene	16.86	178	86289	2.914	ng/ul	97
73) 1,2,3,4-Tetrachlorobenzene	12.74	216	21555	2.653	ng/uL	98
74) Pentachlorobenzene	14.29	250	22373	2.875	ng/uL	94
75) Carbazole	17.15	167	67825	2.861	ng/ul	96
76) Di-n-butylphthalate	17.72	149	87441	3.049	ng/ul	98
77) Fluoranthene	18.80	202	99602	3.281	ng/ul	99
80) Pyrene	19.17	202	110867	2.942	ng/ul	98
81) Butylbenzylphthalate	20.11	149	38202	2.858	ng/ul	98
82) 3,3'-Dichlorobenzidine	20.89	252	26176	2.442	ng/ul#	96
83) Benzo(a)anthracene	20.94	228	116290	3.177	ng/ul	97
84) Bis(2-ethylhexyl)phthalate	20.90	149	60096	3.018	ng/ul	98
85) Chrysene	20.98	228	108592	2.990	ng/ul	96
87) Di-n-octyl phthalate	21.74	149	103484	2.703	ng/ul	100
88) Benzo(b)fluoranthene	22.41	252	114848	2.722	ng/ul	97
89) Benzo(k)fluoranthene	22.45	252	118571	2.835	ng/ul	98
91) Benzo(a)pyrene	22.92	252	113886	3.042	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.01	276	126184	2.583	ng/ul	96
93) Dibenzo(a,h)anthracene	25.01	278	105102	2.553	ng/ul	98
94) Benzo(g,h,i)perylene	25.61	276	105832	2.597	ng/ul	98

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

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