Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071520\
Data File : BM026778.D
Acq On : 15 Jul 2020 15:48
Operator : JU/CG
Sample : L1955-19
Misc : MDL-SOIL-ME-05
ALS Vial : 13 Sample Multiplier: 1

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

Manual Integrations APPROVED
mohammad
7/16/2020 11:05:40 AM

Quant Time: Jul 15 16:21:15 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM063020MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 15 10:09:26 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.30	152	58636	20.00	ng/ul	0.00
18) Naphthalene-d8	10.06	136	226026	20.00	ng/ul	0.00
36) Acenaphthene-d10	13.97	164	136564	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.73	188	275159	20.00	ng/ul	0.00
78) Chrysene-d12	20.95	240	285810	20.00	ng/ul	0.00
86) Perylene-d12	23.01	264	333378	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.91	96	3168	1.62	ng/uL	0.00
5) Phenol-d5	6.52	99	144757	26.95	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.67	67	105569	29.07	ng/ul	0.00
9) 2-Chlorophenol-d4	6.85	132	116287	28.18	ng/ul	0.00
13) 4-Methylphenol-d8	8.04	113	114581	26.68	ng/ul	0.00
19) Nitrobenzene-d5	8.45	128	53167	29.75	ng/ul	0.00
22) 2-Nitrophenol-d4	9.17	143	57563	30.20	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.71	165	107070	28.69	ng/ul	0.00
29) 4-Chloroaniline-d4	10.22	131	143158	36.43	ng/ul	0.00
44) Dimethylphthalate-d6	13.40	166	328980	30.20	ng/ul	0.00
47) Acenaphthylene-d8	13.65	160	397060	30.16	ng/ul	0.00
52) 4-Nitrophenol-d4	14.23	143	34543	21.97	ng/ul	0.00
58) Fluorene-d10	14.97	176	273976	28.72	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.13	200	44803	26.06	ng/ul	0.00
71) Anthracene-d10	16.82	188	416148	30.71	ng/ul	0.00
79) Pyrene-d10	19.14	212	468518	31.54	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.89	264	515844	28.67	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.94	88	2887	1.367	ng/uL	92
4) Benzaldehyde	6.47	77	9922m	3.479	ng/ul	
6) Phenol	6.54	94	20792	3.522	ng/ul	91
8) Bis(2-Chloroethyl)ether	6.76	93	17189	3.824	ng/ul	96
10) 2-Chlorophenol	6.88	128	16400	3.605	ng/ul	97
11) 2-Methylphenol	7.77	108	13467	3.193	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	7.85	45	33914	3.889	ng/ul	98
14) Acetophenone	8.14	105	25321	3.480	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.13	70	14360	3.341	ng/ul	98
16) 4-Methylphenol	8.10	108	16430	3.504	ng/ul	94
17) Hexachloroethane	8.35	117	7564	3.753	ng/ul	96
20) Nitrobenzene	8.50	77	22319	3.959	ng/ul	93
21) Isophorone	9.02	82	35439	3.740	ng/ul#	94
23) 2-Nitrophenol	9.20	139	8597	3.898	ng/ul	94
24) 2,4-Dimethylphenol	9.28	107	18928	3.727	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.51	93	21782	3.866	ng/ul	95
27) 2,4-Dichlorophenol	9.73	162	13862	3.594	ng/ul	90
28) Naphthalene	10.11	128	49997	3.737	ng/ul	98
30) 4-Chloroaniline	10.24	127	19023	4.555	ng/ul	99
31) Hexachlorobutadiene	10.40	225	11418	4.085	ng/ul	98
32) Caprolactam	11.07	113	2586m	2.428	ng/ul	
33) 4-Chloro-3-methylphenol	11.40	107	13763	3.136	ng/ul	96
34) 2-Methylnaphthalene	11.74	142	33657	3.591	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	11.97	142	33027	3.781 ng/ul	94
37) 1,2,4,5-Tetrachlorobenzene	12.12	216	18947	3.817 ng/ul	96
38) Hexachlorocyclopentadiene	12.10	237	2621	1.035 ng/ul#	89
39) 2,4,6-Trichlorophenol	12.40	196	9156	3.125 ng/ul#	87
40) 2,4,5-Trichlorophenol	12.48	196	10332	3.224 ng/ul	99
41) 1,1'-Biphenyl	12.79	154	43875	3.712 ng/ul	98
42) 2-Chloronaphthalene	12.82	162	33944	3.648 ng/ul	92
43) 2-Nitroaniline	13.06	65	9482	3.031 ng/ul	87
45) Dimethylphthalate	13.45	163	42302	3.710 ng/ul	96
46) 2,6-Dinitrotoluene	13.57	165	7025	3.188 ng/ul	91
48) Acenaphthylene	13.68	152	52334	3.712 ng/ul	100
49) 3-Nitroaniline	13.92	138	4488	2.450 ng/ul	96
50) Acenaphthene	14.03	153	35761	3.589 ng/ul	95
51) 2,4-Dinitrophenol	14.15	184	1493	1.304 ng/ul#	83
53) 4-Nitrophenol	14.25	109	6536m	4.039 ng/ul	
54) Dibenzofuran	14.38	168	52544	3.717 ng/ul	100
55) 2,4-Dinitrotoluene	14.38	165	10621	3.241 ng/ul#	75
56) 2,3,4,6-Tetrachlorophenol	14.62	232	9262	3.358 ng/ul#	86
57) Diethylphthalate	14.84	149	41434	3.616 ng/ul	99
59) Fluorene	15.03	166	42793	3.705 ng/ul	99
60) 4-Chlorophenyl-phenylether	15.04	204	22461	3.741 ng/ul	98
61) 4-Nitroaniline	15.09	138	4736m	2.286 ng/ul	
64) 4,6-Dinitro-2-methylphenol	15.14	198	6463	3.549 ng/ul#	45
65) N-Nitrosodiphenylamine	15.25	169	34567	3.757 ng/ul	99
66) 4-Bromophenyl-phenylether	15.94	248	13188	3.976 ng/ul	98
67) Hexachlorobenzene	16.04	284	14665	3.880 ng/ul	98
68) Atrazine	16.23	200	11808	3.939 ng/ul	98
69) Pentachlorophenol	16.41	266	5095	2.733 ng/ul#	81
70) Phenanthrene	16.77	178	65733	3.836 ng/ul	98
72) Anthracene	16.86	178	67389	3.898 ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	12.75	216	20021	4.220 ng/uL	93
74) Pentachlorobenzene	14.30	250	19015	4.185 ng/uL	90
75) Carbazole	17.15	167	49121	3.549 ng/ul	96
76) Di-n-butylphthalate	17.73	149	61858	3.693 ng/ul	99
77) Fluoranthene	18.80	202	72745	4.104 ng/ul	97
80) Pyrene	19.17	202	80987	3.998 ng/ul	99
81) Butylbenzylphthalate	20.11	149	25447	3.542 ng/ul	99
82) 3,3'-Dichlorobenzidine	20.89	252	16855	2.926 ng/ul	97
83) Benzo(a)anthracene	20.94	228	79394	4.035 ng/ul	99
84) Bis(2-ethylhexyl)phthalate	20.90	149	38523	3.600 ng/ul	98
85) Chrysene	20.99	228	77113	3.951 ng/ul	98
87) Di-n-octyl phthalate	21.74	149	66102	3.218 ng/ul	100
88) Benzo(b)fluoranthene	22.42	252	81336	3.592 ng/ul	98
89) Benzo(k)fluoranthene	22.45	252	81042	3.611 ng/ul	97
91) Benzo(a)pyrene	22.92	252	81002	4.032 ng/ul#	95
92) Indeno(1,2,3-cd)pyrene	25.01	276	93374	3.562 ng/ul	97
93) Dibenzo(a,h)anthracene	25.02	278	76652	3.470 ng/ul	96
94) Benzo(g,h,i)perylene	25.62	276	80719	3.691 ng/ul	96

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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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