Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072820\
Data File : BM026918.D
Acq On : 29 Jul 2020 09:59
Operator : JU/CG
Sample : L1955-21
Misc : MDL-SOIL-ME-07
ALS Vial : 36 Sample Multiplier: 1

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

Manual Integrations APPROVED
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7/30/2020 3:32:32 PM

Quant Time: Jul 29 10:33:14 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072720MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 29 02:24:07 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	55457	20.00	ng/ul	0.00
18) Naphthalene-d8	10.44	136	203952	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.30	164	130106	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.04	188	277600	20.00	ng/ul	0.00
78) Chrysene-d12	21.24	240	299320	20.00	ng/ul	0.00
86) Perylene-d12	23.45	264	309816	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	9524	7.84	ng/uL	0.00
5) Phenol-d5	6.84	99	146431	30.14	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.01	67	104984	31.92	ng/ul	0.00
9) 2-Chlorophenol-d4	7.21	132	112493	30.93	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	115039	30.77	ng/ul	0.00
19) Nitrobenzene-d5	8.81	128	52593	33.15	ng/ul	0.00
22) 2-Nitrophenol-d4	9.52	143	49008	33.70	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.07	165	111433	32.09	ng/ul	0.00
29) 4-Chloroaniline-d4	10.57	131	134672	32.53	ng/ul	0.00
44) Dimethylphthalate-d6	13.71	166	338978	33.22	ng/ul	0.00
47) Acenaphthylene-d8	13.99	160	431279	33.22	ng/ul	0.00
52) 4-Nitrophenol-d4	14.49	143	54983	31.86	ng/ul	0.00
58) Fluorene-d10	15.29	176	291655	32.86	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.41	200	37223	30.08	ng/ul	0.00
71) Anthracene-d10	17.14	188	452675	32.63	ng/ul	0.00
79) Pyrene-d10	19.44	212	502543	31.48	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.31	264	551799	31.56	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.25	88	7153	4.735	ng/uL	98
4) Benzaldehyde	6.81	77	20593m	5.203	ng/ul	
6) Phenol	6.87	94	38899	7.482	ng/ul	91
8) Bis(2-Chloroethyl)ether	7.10	93	30775	7.480	ng/ul	96
10) 2-Chlorophenol	7.24	128	28776	7.623	ng/ul	97
11) 2-Methylphenol	8.11	108	26649	7.165	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.20	45	26289	7.216	ng/ul	96
14) Acetophenone	8.48	105	49395	7.964	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.47	70	28085	7.497	ng/ul	94
16) 4-Methylphenol	8.43	108	29217	7.371	ng/ul	98
17) Hexachloroethane	8.74	117	14538	8.081	ng/ul	99
20) Nitrobenzene	8.85	77	45515	8.856	ng/ul	99
21) Isophorone	9.38	82	68281	7.536	ng/ul#	94
23) 2-Nitrophenol	9.56	139	13830	8.336	ng/ul	93
24) 2,4-Dimethylphenol	9.62	107	34064	7.860	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.86	93	39967	7.918	ng/ul	100
27) 2,4-Dichlorophenol	10.09	162	27791	8.218	ng/ul	98
28) Naphthalene	10.49	128	94517	8.295	ng/ul	97
30) 4-Chloroaniline	10.60	127	31708	7.594	ng/ul	97
31) Hexachlorobutadiene	10.80	225	21355	8.942	ng/ul	97
32) Caprolactam	11.36	113	6366	6.028	ng/ul#	82
33) 4-Chloro-3-methylphenol	11.72	107	28797	7.637	ng/ul	95
34) 2-Methylnaphthalene	12.11	142	66545	8.261	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.33	142	63363	8.050 ng/ul	95
37) 1,2,4,5-Tetrachlorobenzene	12.48	216	37032	8.327 ng/ul#	92
38) Hexachlorocyclopentadiene	12.47	237	18698	6.201 ng/ul	98
39) 2,4,6-Trichlorophenol	12.72	196	18191	7.139 ng/ul	100
40) 2,4,5-Trichlorophenol	12.79	196	21696	7.968 ng/ul	98
41) 1,1'-Biphenyl	13.13	154	87034	8.005 ng/ul	98
42) 2-Chloronaphthalene	13.17	162	71935	8.223 ng/ul	98
43) 2-Nitroaniline	13.37	65	20024	7.696 ng/ul	95
45) Dimethylphthalate	13.76	163	88083	8.227 ng/ul	98
46) 2,6-Dinitrotoluene	13.87	165	14281	7.565 ng/ul#	84
48) Acenaphthylene	14.02	152	103076	7.814 ng/ul	99
49) 3-Nitroaniline	14.19	138	11840	6.417 ng/ul	92
50) Acenaphthene	14.37	153	74549	8.203 ng/ul	100
51) 2,4-Dinitrophenol	14.40	184	4928	6.520 ng/ul	88
53) 4-Nitrophenol	14.50	109	15789	9.133 ng/ul#	87
54) Dibenzofuran	14.70	168	105005	8.336 ng/ul	97
55) 2,4-Dinitrotoluene	14.66	165	22484	8.290 ng/ul	95
56) 2,3,4,6-Tetrachlorophenol	14.93	232	15948	7.466 ng/ul	94
57) Diethylphthalate	15.14	149	85587	7.972 ng/ul	97
59) Fluorene	15.35	166	87430	8.242 ng/ul	98
60) 4-Chlorophenyl-phenylether	15.35	204	44096	8.352 ng/ul	99
61) 4-Nitroaniline	15.35	138	14166	6.264 ng/ul	91
64) 4,6-Dinitro-2-methylphenol	15.42	198	10751	7.646 ng/ul#	79
65) N-Nitrosodiphenylamine	15.56	169	70013	7.710 ng/ul	100
66) 4-Bromophenyl-phenylether	16.25	248	25721	7.898 ng/ul	96
67) Hexachlorobenzene	16.36	284	31147	8.434 ng/ul	98
68) Atrazine	16.52	200	23394	7.018 ng/ul	94
69) Pentachlorophenol	16.69	266	12859	6.997 ng/ul	99
70) Phenanthrene	17.08	178	136371	8.093 ng/ul	97
72) Anthracene	17.18	178	139873	8.076 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.10	216	34828	7.986 ng/uL	99
74) Pentachlorobenzene	14.62	250	34775	8.224 ng/uL	97
75) Carbazole	17.44	167	118821	7.761 ng/ul	100
76) Di-n-butylphthalate	18.03	149	126052	6.999 ng/ul#	98
77) Fluoranthene	19.10	202	155774	7.829 ng/ul	99
80) Pyrene	19.47	202	168232	7.725 ng/ul	96
81) Butylbenzylphthalate	20.39	149	49519	6.115 ng/ul	96
82) 3,3'-Dichlorobenzidine	21.15	252	38564	5.449 ng/ul	97
83) Benzo(a)anthracene	21.22	228	165799	8.036 ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.18	149	76066	6.266 ng/ul	98
85) Chrysene	21.27	228	160167	7.961 ng/ul	99
87) Di-n-octyl phthalate	22.05	149	126625	5.562 ng/ul	100
88) Benzo(b)fluoranthene	22.78	252	167411	7.554 ng/ul	98
89) Benzo(k)fluoranthene	22.83	252	169779	7.983 ng/ul	98
91) Benzo(a)pyrene	23.35	252	160528	8.027 ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.65	276	199411	8.038 ng/ul	96
93) Dibenzo(a,h)anthracene	25.67	278	171500	8.173 ng/ul	99
94) Benzo(g,h,i)perylene	26.32	276	169870	8.280 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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