Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071620\
Data File : BM026792.D
Acq On : 16 Jul 2020 19:30
Operator : JU/CG
Sample : L1955-20
Misc : MDL-SOIL-ME-06
ALS Vial : 14 Sample Multiplier: 1

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

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Quant Time: Jul 17 00:47:48 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	62702	20.00	ng/ul	0.00
18) Naphthalene-d8	10.05	136	285782	20.00	ng/ul	0.00
36) Acenaphthene-d10	13.97	164	203953	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.72	188	452244	20.00	ng/ul	0.00
78) Chrysene-d12	20.95	240	515118	20.00	ng/ul	0.00
86) Perylene-d12	23.01	264	617910	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.90	96	11979	5.74	ng/uL	0.00
5) Phenol-d5	6.52	99	183840	32.01	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.67	67	137909	35.51	ng/ul	0.00
9) 2-Chlorophenol-d4	6.85	132	141546	32.08	ng/ul	0.00
13) 4-Methylphenol-d8	8.03	113	156411	34.06	ng/ul	0.00
19) Nitrobenzene-d5	8.45	128	74958	33.17	ng/ul	0.00
22) 2-Nitrophenol-d4	9.17	143	84015	34.86	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.70	165	153188	32.46	ng/ul	0.00
29) 4-Chloroaniline-d4	10.21	131	217988	43.87	ng/ul	0.00
44) Dimethylphthalate-d6	13.40	166	571537	35.13	ng/ul	0.00
47) Acenaphthylene-d8	13.65	160	657523	33.45	ng/ul	0.00
52) 4-Nitrophenol-d4	14.22	143	72700	30.96	ng/ul	0.00
58) Fluorene-d10	14.97	176	476584	33.46	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.12	200	93394	33.05	ng/ul	0.00
71) Anthracene-d10	16.82	188	763637	34.29	ng/ul	0.00
79) Pyrene-d10	19.14	212	911051	34.03	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.89	264	1048369	31.44	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.94	88	2744	1.215	ng/uL#	89
4) Benzaldehyde	6.48	77	9895m	3.245	ng/ul	
6) Phenol	6.54	94	19908	3.153	ng/ul	94
8) Bis(2-Chloroethyl)ether	6.75	93	16378	3.407	ng/ul	92
10) 2-Chlorophenol	6.88	128	14980	3.080	ng/ul	96
11) 2-Methylphenol	7.77	108	12985	2.879	ng/ul	92
12) 2,2'-oxybis(1-Chloropropan	7.84	45	34350	3.683	ng/ul	98
14) Acetophenone	8.13	105	26789	3.443	ng/ul#	90
15) N-Nitroso-di-n-propylamine	8.12	70	16492	3.588	ng/ul#	83
16) 4-Methylphenol	8.10	108	16384	3.268	ng/ul	91
17) Hexachloroethane	8.35	117	6637	3.079	ng/ul	95
20) Nitrobenzene	8.50	77	22338	3.134	ng/ul	99
21) Isophorone	9.02	82	39550	3.301	ng/ul	99
23) 2-Nitrophenol	9.20	139	8928	3.202	ng/ul#	87
24) 2,4-Dimethylphenol	9.28	107	19080	2.971	ng/ul	91
25) Bis(2-Chloroethoxy)methane	9.51	93	23839	3.346	ng/ul	96
27) 2,4-Dichlorophenol	9.73	162	15341	3.146	ng/ul	92
28) Naphthalene	10.11	128	52982	3.132	ng/ul	99
30) 4-Chloroaniline	10.24	127	22298	4.223	ng/ul	90
31) Hexachlorobutadiene	10.40	225	11276	3.191	ng/ul	98
32) Caprolactam	11.08	113	3561m	2.644	ng/ul	
33) 4-Chloro-3-methylphenol	11.40	107	15882	2.862	ng/ul	95
34) 2-Methylnaphthalene	11.74	142	39232	3.311	ng/ul	96

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	11.96	142	37957	3.436 ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.12	216	22211	2.996 ng/ul	97
38) Hexachlorocyclopentadiene	12.10	237	3593	0.950 ng/ul	94
39) 2,4,6-Trichlorophenol	12.39	196	11395	2.604 ng/ul	99
40) 2,4,5-Trichlorophenol	12.47	196	12759	2.666 ng/ul	96
41) 1,1'-Biphenyl	12.78	154	51577	2.922 ng/ul	99
42) 2-Chloronaphthalene	12.82	162	38475	2.769 ng/ul	100
43) 2-Nitroaniline	13.05	65	11908	2.549 ng/ul	92
45) Dimethylphthalate	13.44	163	57859	3.398 ng/ul	99
46) 2,6-Dinitrotoluene	13.57	165	9277	2.819 ng/ul	89
48) Acenaphthylene	13.68	152	64963	3.086 ng/ul	99
49) 3-Nitroaniline	13.91	138	6906	2.524 ng/ul#	89
50) Acenaphthene	14.03	153	44722	3.005 ng/ul	97
51) 2,4-Dinitrophenol	14.14	184	3629	2.122 ng/ul#	83
53) 4-Nitrophenol	14.24	109	10379m	4.295 ng/ul	
54) Dibenzofuran	14.37	168	65102	3.083 ng/ul	94
55) 2,4-Dinitrotoluene	14.38	165	15822	3.233 ng/ul#	90
56) 2,3,4,6-Tetrachlorophenol	14.62	232	12070	2.930 ng/ul#	87
57) Diethylphthalate	14.83	149	58820	3.437 ng/ul	98
59) Fluorene	15.03	166	56435	3.272 ng/ul	96
60) 4-Chlorophenyl-phenylether	15.04	204	28430	3.171 ng/ul	97
61) 4-Nitroaniline	15.08	138	6590m	2.130 ng/ul	
64) 4,6-Dinitro-2-methylphenol	15.14	198	9925	3.316 ng/ul#	75
65) N-Nitrosodiphenylamine	15.25	169	47471	3.139 ng/ul	98
66) 4-Bromophenyl-phenylether	15.93	248	17587	3.226 ng/ul	94
67) Hexachlorobenzene	16.04	284	19919	3.206 ng/ul	97
68) Atrazine	16.23	200	16936	3.438 ng/ul	94
69) Pentachlorophenol	16.41	266	7499m	2.448 ng/ul	
70) Phenanthrene	16.77	178	88287	3.135 ng/ul	98
72) Anthracene	16.86	178	91492	3.220 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	12.74	216	21260	2.727 ng/uL	95
74) Pentachlorobenzene	14.30	250	22893	3.065 ng/uL	93
75) Carbazole	17.15	167	69699	3.064 ng/ul	96
76) Di-n-butylphthalate	17.72	149	93431	3.394 ng/ul	99
77) Fluoranthene	18.80	202	105775	3.631 ng/ul	97
80) Pyrene	19.17	202	118124	3.236 ng/ul	98
81) Butylbenzylphthalate	20.11	149	41721	3.222 ng/ul	99
82) 3,3'-Dichlorobenzidine	20.89	252	28723	2.766 ng/ul	95
83) Benzo(a)anthracene	20.93	228	122595	3.457 ng/ul	99
84) Bis(2-ethylhexyl)phthalate	20.90	149	64628	3.351 ng/ul	99
85) Chrysene	20.98	228	114817	3.264 ng/ul	99
87) Di-n-octyl phthalate	21.74	149	109970	2.888 ng/ul	100
88) Benzo(b)fluoranthene	22.41	252	121026	2.884 ng/ul	99
89) Benzo(k)fluoranthene	22.45	252	122279	2.939 ng/ul	99
91) Benzo(a)pyrene	22.92	252	127521	3.425 ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.01	276	133987	2.757 ng/ul	93
93) Dibenzo(a,h)anthracene	25.01	278	115063	2.811 ng/ul	98
94) Benzo(g,h,i)perylene	25.62	276	113864	2.809 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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