Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072820\
Data File : BM026916.D
Acq On : 29 Jul 2020 08:47
Operator : JU/CG
Sample : L1955-20
Misc : MDL-SOIL-ME-06
ALS Vial : 34 Sample Multiplier: 1

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

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Quant Time: Jul 29 09:24:19 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	61259	20.00	ng/ul	0.00
18) Naphthalene-d8	10.44	136	232799	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.30	164	144762	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.04	188	302932	20.00	ng/ul	0.00
78) Chrysene-d12	21.24	240	318861	20.00	ng/ul	0.00
86) Perylene-d12	23.45	264	325915	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	10271	7.65	ng/uL	0.00
5) Phenol-d5	6.84	99	161664	30.12	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.01	67	116921	32.19	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	124262	30.93	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	127852	30.96	ng/ul	0.00
19) Nitrobenzene-d5	8.81	128	59432	32.82	ng/ul	0.00
22) 2-Nitrophenol-d4	9.52	143	54770	32.99	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	121947	30.77	ng/ul	0.00
29) 4-Chloroaniline-d4	10.57	131	149479	31.64	ng/ul	0.00
44) Dimethylphthalate-d6	13.71	166	370779	32.66	ng/ul	0.00
47) Acenaphthylene-d8	13.99	160	476591	33.00	ng/ul	0.00
52) 4-Nitrophenol-d4	14.49	143	59515	31.00	ng/ul	0.00
58) Fluorene-d10	15.29	176	318182	32.22	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.41	200	38913	28.82	ng/ul	0.00
71) Anthracene-d10	17.14	188	487597	32.21	ng/ul	0.00
79) Pyrene-d10	19.44	212	528808	31.09	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.31	264	578669	31.46	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.25	88	7642	4.579	ng/uL	97
4) Benzaldehyde	6.81	77	22482m	5.142	ng/ul	
6) Phenol	6.87	94	40692	7.086	ng/ul	91
8) Bis(2-Chloroethyl)ether	7.10	93	33271	7.321	ng/ul	99
10) 2-Chlorophenol	7.24	128	30104	7.220	ng/ul	94
11) 2-Methylphenol	8.10	108	27049	6.583	ng/ul	93
12) 2,2'-oxybis(1-Chloropropan	8.20	45	27980	6.953	ng/ul	97
14) Acetophenone	8.48	105	48956	7.146	ng/ul#	93
15) N-Nitroso-di-n-propylamine	8.47	70	29540	7.139	ng/ul	98
16) 4-Methylphenol	8.43	108	30226	6.903	ng/ul	97
17) Hexachloroethane	8.74	117	15612	7.856	ng/ul	96
20) Nitrobenzene	8.85	77	47205	8.047	ng/ul	96
21) Isophorone	9.37	82	71305	6.895	ng/ul	96
23) 2-Nitrophenol	9.55	139	14774	7.802	ng/ul	95
24) 2,4-Dimethylphenol	9.62	107	35519	7.181	ng/ul	96
25) Bis(2-Chloroethoxy)methane	9.86	93	40925	7.103	ng/ul	100
27) 2,4-Dichlorophenol	10.09	162	28419	7.362	ng/ul	98
28) Naphthalene	10.49	128	98381	7.564	ng/ul	97
30) 4-Chloroaniline	10.60	127	32430	6.805	ng/ul	94
31) Hexachlorobutadiene	10.80	225	21251	7.796	ng/ul	98
32) Caprolactam	11.35	113	7130	5.915	ng/ul	92
33) 4-Chloro-3-methylphenol	11.72	107	29015	6.741	ng/ul	96
34) 2-Methylnaphthalene	12.11	142	68417	7.441	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.33	142	68698	7.647 ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.48	216	37321	7.543 ng/ul#	96
38) Hexachlorocyclopentadiene	12.48	237	18344	5.468 ng/ul	97
39) 2,4,6-Trichlorophenol	12.72	196	18969	6.690 ng/ul	92
40) 2,4,5-Trichlorophenol	12.79	196	21706	7.165 ng/ul	96
41) 1,1'-Biphenyl	13.13	154	90418	7.475 ng/ul	97
42) 2-Chloronaphthalene	13.17	162	72915	7.491 ng/ul	99
43) 2-Nitroaniline	13.37	65	20811	7.189 ng/ul	98
45) Dimethylphthalate	13.76	163	89392	7.504 ng/ul	99
46) 2,6-Dinitrotoluene	13.87	165	15298	7.284 ng/ul	87
48) Acenaphthylene	14.02	152	107887	7.351 ng/ul	98
49) 3-Nitroaniline	14.19	138	11847	5.771 ng/ul	99
50) Acenaphthene	14.37	153	76019	7.518 ng/ul	98
51) 2,4-Dinitrophenol	14.39	184	5463	6.496 ng/ul	92
53) 4-Nitrophenol	14.50	109	15921	8.277 ng/ul	86
54) Dibenzofuran	14.70	168	106589	7.605 ng/ul	95
55) 2,4-Dinitrotoluene	14.65	165	22018	7.296 ng/ul	93
56) 2,3,4,6-Tetrachlorophenol	14.92	232	16616	6.991 ng/ul	96
57) Diethylphthalate	15.14	149	88095	7.375 ng/ul	100
59) Fluorene	15.35	166	88175	7.471 ng/ul	99
60) 4-Chlorophenyl-phenylether	15.35	204	44127	7.512 ng/ul	99
61) 4-Nitroaniline	15.35	138	14172	5.632 ng/ul	96
64) 4,6-Dinitro-2-methylphenol	15.42	198	10866	7.081 ng/ul#	84
65) N-Nitrosodiphenylamine	15.56	169	71672	7.232 ng/ul	97
66) 4-Bromophenyl-phenylether	16.24	248	26148	7.358 ng/ul	96
67) Hexachlorobenzene	16.36	284	30997	7.691 ng/ul	97
68) Atrazine	16.51	200	25008	6.875 ng/ul	91
69) Pentachlorophenol	16.69	266	12614	6.290 ng/ul	92
70) Phenanthrene	17.08	178	140426	7.637 ng/ul	100
72) Anthracene	17.18	178	140249	7.420 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.10	216	35446	7.448 ng/uL	97
74) Pentachlorobenzene	14.62	250	35509	7.695 ng/uL	98
75) Carbazole	17.44	167	118040	7.065 ng/ul	97
76) Di-n-butylphthalate	18.03	149	127443	6.484 ng/ul#	98
77) Fluoranthene	19.10	202	154786	7.129 ng/ul	99
80) Pyrene	19.47	202	168729	7.273 ng/ul	97
81) Butylbenzylphthalate	20.39	149	48312	5.601 ng/ul	99
82) 3,3'-Dichlorobenzidine	21.15	252	36019	4.778 ng/ul	98
83) Benzo(a)anthracene	21.22	228	161286	7.339 ng/ul	97
84) Bis(2-ethylhexyl)phthalate	21.18	149	76587	5.922 ng/ul	99
85) Chrysene	21.27	228	158444	7.393 ng/ul	99
87) Di-n-octyl phthalate	22.06	149	124729	5.209 ng/ul	100
88) Benzo(b)fluoranthene	22.79	252	162561	6.972 ng/ul	97
89) Benzo(k)fluoranthene	22.83	252	163479	7.307 ng/ul	99
91) Benzo(a)pyrene	23.35	252	155314	7.382 ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.66	276	193064	7.397 ng/ul	99
93) Dibenzo(a,h)anthracene	25.67	278	162992	7.384 ng/ul	97
94) Benzo(g,h,i)perylene	26.33	276	159932	7.411 ng/ul	97

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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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