Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120420\
Data File : BM028040.D
Acq On : 04 Dec 2020 20:56
Operator : JU/CG
Sample : L4485-17
Misc : ME-SOIL-03
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MDL-ME-SOIL-03

Manual Integrations APPROVED
mohammad
12/7/2020 8:54:43 AM

Quant Time: Dec 05 00:24:28 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM120320.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 04 23:57:08 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.29	152	234429	20.00	ng/ul	0.00
20) Naphthalene-d8	11.12	136	937591	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.91	164	534459	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.63	188	1061970	20.00	ng/ul	0.00
79) Chrysene-d12	21.73	240	1006569	20.00	ng/ul	0.00
88) Perylene-d12	24.14	264	1008952	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.47	96	31944	5.09	ng/uL	0.00
4) Pyridine-d5	3.93	84	378469	22.35	ng/ul	0.00
7) Phenol-d5	7.42	99	655454	33.59	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.60	67	424574	35.01	ng/ul	0.00
11) 2-Chlorophenol-d4	7.81	132	557075	34.27	ng/ul	0.00
15) 4-Methylphenol-d8	8.99	113	539677	35.06	ng/ul	0.00
21) Nitrobenzene-d5	9.47	128	256487	35.23	ng/ul	0.00
24) 2-Nitrophenol-d4	10.19	143	266836	36.69	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.73	165	495334	33.58	ng/ul	0.00
31) 4-Chloroaniline-d4	11.25	131	703908	34.88	ng/ul	0.00
46) Dimethylphthalate-d6	14.30	166	1392513	35.22	ng/ul	0.00
49) Acenaphthylene-d8	14.61	160	1817049	35.80	ng/ul	0.00
54) 4-Nitrophenol-d4	15.07	143	235988	30.94	ng/ul	0.00
60) Fluorene-d10	15.89	176	1174476	33.14	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.99	200	185541	30.10	ng/ul	0.00
73) Anthracene-d10	17.73	188	1724981	33.13	ng/ul	0.00
81) Pyrene-d10	19.98	212	1842323	34.86	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.99	264	1730549	32.22	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.52	88	4901	0.759	ng/uL	94
5) Pyridine	3.96	79	49905	2.937	ng/ul#	59
6) Benzaldehyde	7.41	77	40982	5.080	ng/ul	99
8) Phenol	7.45	94	55988	2.811	ng/ul	95
10) Bis(2-Chloroethyl)ether	7.69	93	50324	3.069	ng/ul	98
12) 2-Chlorophenol	7.85	128	48730	2.912	ng/ul	98
13) 2-Methylphenol	8.72	108	41460	2.781	ng/ul	95
14) 2,2'-oxybis(1-Chloropropan	8.82	45	81048	3.072	ng/ul	99
16) Acetophenone	9.12	105	68042	2.954	ng/ul	99
17) N-Nitroso-di-n-propylamine	9.10	70	31572	2.885	ng/ul	94
18) 4-Methylphenol	9.05	108	45828	2.868	ng/ul	100
19) Hexachloroethane	9.39	117	19976	2.844	ng/ul	92
22) Nitrobenzene	9.51	77	53075	2.955	ng/ul	99
23) Isophorone	10.04	82	84149	2.800	ng/ul	98
25) 2-Nitrophenol	10.23	139	25035	3.044	ng/ul	95
26) 2,4-Dimethylphenol	10.27	107	49196	2.910	ng/ul	99
27) Bis(2-Chloroethoxy)methane	10.51	93	60958	2.955	ng/ul	99
29) 2,4-Dichlorophenol	10.76	162	41815	2.897	ng/ul#	88
30) Naphthalene	11.17	128	154794	2.924	ng/ul	100
32) 4-Chloroaniline	11.27	127	59945	3.067	ng/ul	97
33) Hexachlorobutadiene	11.46	225	28873	3.055	ng/ul	93
34) Caprolactam	12.03	113	9798m	2.356	ng/ul	

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35) 4-Chloro-3-methylphenol	12.37	107	39672	2.741	ng/ul	94
36) 2-Methylnaphthalene	12.76	142	101860	2.926	ng/ul	100
37) 1-Methylnaphthalene	12.98	142	96823	2.893	ng/ul	99
39) 1,2,4,5-Tetrachlorobenzene	13.12	216	50926	2.800	ng/ul	99
40) Hexachlorocyclopentadiene	13.10	237	21513	2.075	ng/ul	96
41) 2,4,6-Trichlorophenol	13.35	196	28218	2.589	ng/ul	94
42) 2,4,5-Trichlorophenol	13.42	196	30499	2.606	ng/ul	97
43) 1,1'-Biphenyl	13.75	154	131348	2.868	ng/ul	98
44) 2-Chloronaphthalene	13.80	162	100661	2.790	ng/ul	99
45) 2-Nitroaniline	13.99	65	21970	2.449	ng/ul	95
47) Dimethylphthalate	14.35	163	121167	2.964	ng/ul	99
48) 2,6-Dinitrotoluene	14.47	165	18859	2.430	ng/ul	96
50) Acenaphthylene	14.64	152	149857	2.849	ng/ul	99
51) 3-Nitroaniline	14.80	138	20075	2.606	ng/ul	96
52) Acenaphthene	14.97	153	104805	2.776	ng/ul	99
53) 2,4-Dinitrophenol	15.00	184	7129	1.597	ng/ul	93
55) 4-Nitrophenol	15.09	109	16178	2.885	ng/ul	95
56) Dibenzofuran	15.30	168	146098	2.857	ng/ul	98
57) 2,4-Dinitrotoluene	15.25	165	27232	2.504	ng/ul#	86
58) 2,3,4,6-Tetrachlorophenol	15.52	232	24236	2.578	ng/ul	98
59) Diethylphthalate	15.70	149	116004	2.896	ng/ul	99
61) Fluorene	15.94	166	122915	2.945	ng/ul	98
62) 4-Chlorophenyl-phenylether	15.93	204	60063	2.939	ng/ul	99
63) 4-Nitroaniline	15.94	138	20366	2.984	ng/ul	96
66) 4,6-Dinitro-2-methylphenol	16.00	198	18349	2.704	ng/ul#	36
67) N-Nitrosodiphenylamine	16.14	169	95869	2.745	ng/ul	99
68) 4-Bromophenyl-phenylether	16.82	248	33886	2.792	ng/ul	97
69) Hexachlorobenzene	16.94	284	39824	2.844	ng/ul	97
70) Atrazine	17.07	200	30691	2.597	ng/ul	95
71) Pentachlorophenol	17.27	266	15854	2.023	ng/ul	99
72) Phenanthrene	17.67	178	185660	2.875	ng/ul	100
74) Anthracene	17.76	178	185615	2.822	ng/ul	98
75) 1,2,3,4-Tetrachlorobenzene	13.72	216	50710	2.827	ng/uL	99
76) Pentachlorobenzene	15.22	250	48040	2.795	ng/uL	98
77) Carbazole	18.02	167	150007	2.681	ng/ul	99
78) Di-n-butylphthalate	18.56	149	175699	2.754	ng/ul	100
80) Fluoranthene	19.64	202	196532	2.839	ng/ul	98
82) Pyrene	20.00	202	216594	2.997	ng/ul	98
83) Butylbenzylphthalate	20.86	149	70530	2.719	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.64	252	58800	2.636	ng/ul	96
85) Benzo(a)anthracene	21.72	228	194792	2.915	ng/ul	99
86) Bis(2-ethylhexyl)phthalate	21.62	149	109039	2.779	ng/ul	100
87) Chrysene	21.77	228	193974	2.937	ng/ul	99
89) Di-n-octyl phthalate	22.54	149	182007	2.661	ng/ul	100
90) Benzo(b)fluoranthene	23.40	252	194609	2.924	ng/ul	99
91) Benzo(k)fluoranthene	23.45	252	183000	2.849	ng/ul	99
93) Benzo(a)pyrene	24.03	252	172080	2.842	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.61	276	207337	2.789	ng/ul	98
95) Dibenzo(a,h)anthracene	26.62	278	175780	2.797	ng/ul	97
96) Benzo(g,h,i)perylene	27.37	276	170771	2.722	ng/ul	99

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

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