Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120820\
Data File : BM028088.D
Acq On : 09 Dec 2020 02:00
Operator : JU/CG
Sample : L4485-21
Misc : ME-SOIL-02
ALS Vial : 25 Sample Multiplier: 1

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

Manual Integrations APPROVED
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12/9/2020 12:27:37 PM

Quant Time: Dec 09 04:18:36 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM120820.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 09 03:34:15 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.28	152	197940	20.00	ng/ul	0.00
20) Naphthalene-d8	11.12	136	830244	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.90	164	492314	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.62	188	1034384	20.00	ng/ul	0.00
79) Chrysene-d12	21.73	240	1003267	20.00	ng/ul	-0.01
88) Perylene-d12	24.13	264	1026889	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.46	96	21121	4.08	ng/uL	0.00
4) Pyridine-d5	3.92	84	315047	22.25	ng/ul	0.00
7) Phenol-d5	7.41	99	544063	32.20	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.59	67	360107	33.54	ng/ul	0.00
11) 2-Chlorophenol-d4	7.80	132	464280	33.00	ng/ul	0.00
15) 4-Methylphenol-d8	8.98	113	461092	33.44	ng/ul	0.00
21) Nitrobenzene-d5	9.46	128	222802	33.26	ng/ul	0.00
24) 2-Nitrophenol-d4	10.19	143	230028	33.34	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.72	165	424647	31.33	ng/ul	0.00
31) 4-Chloroaniline-d4	11.24	131	613935	32.46	ng/ul	0.00
46) Dimethylphthalate-d6	14.30	166	1284683	32.82	ng/ul	0.00
49) Acenaphthylene-d8	14.60	160	1638636	34.45	ng/ul	0.00
54) 4-Nitrophenol-d4	15.06	143	227826	30.89	ng/ul	0.00
60) Fluorene-d10	15.88	176	1081261	31.76	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.99	200	179805	28.45	ng/ul	0.00
73) Anthracene-d10	17.72	188	1634044	31.74	ng/ul	0.00
81) Pyrene-d10	19.97	212	1775406	32.59	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.97	264	1709550	30.41	ng/ul	-0.01
Target Compounds						Qvalue
5) Pyridine	3.95	79	42041	2.961	ng/ul#	75
6) Benzaldehyde	7.40	77	35969	5.452	ng/ul	98
8) Phenol	7.44	94	48902	2.871	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.68	93	44054	3.034	ng/ul	96
12) 2-Chlorophenol	7.83	128	41873	2.874	ng/ul	99
13) 2-Methylphenol	8.72	108	35452	2.705	ng/ul	99
14) 2,2'-oxybis(1-Chloropropan	8.80	45	70829	2.945	ng/ul	98
16) Acetophenone	9.11	105	60410	2.886	ng/ul	99
17) N-Nitroso-di-n-propylamine	9.09	70	29026	2.840	ng/ul	98
18) 4-Methylphenol	9.05	108	40114	2.829	ng/ul	99
19) Hexachloroethane	9.38	117	17714	2.836	ng/ul	97
22) Nitrobenzene	9.50	77	47186	2.902	ng/ul	94
23) Isophorone	10.03	82	77939	2.706	ng/ul	96
25) 2-Nitrophenol	10.22	139	22484	2.941	ng/ul	98
26) 2,4-Dimethylphenol	10.26	107	43188	2.797	ng/ul	99
27) Bis(2-Chloroethoxy)methane	10.50	93	54946	2.818	ng/ul	98
29) 2,4-Dichlorophenol	10.75	162	37941	2.843	ng/ul#	87
30) Naphthalene	11.16	128	140515	2.930	ng/ul	99
32) 4-Chloroaniline	11.26	127	54307	2.951	ng/ul	100
33) Hexachlorobutadiene	11.45	225	24829	2.855	ng/ul	95
34) Caprolactam	12.04	113	9847m	2.351	ng/ul	
35) 4-Chloro-3-methylphenol	12.36	107	35995	2.623	ng/ul	97

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36) 2-Methylnaphthalene	12.75	142	92751	2.845	ng/ul	97
37) 1-Methylnaphthalene	12.97	142	87081	2.777	ng/ul	99
39) 1,2,4,5-Tetrachlorobenzene	13.11	216	47731	2.874	ng/ul	98
40) Hexachlorocyclopentadiene	13.09	237	21082	2.165	ng/ul	100
41) 2,4,6-Trichlorophenol	13.35	196	26177	2.567	ng/ul	98
42) 2,4,5-Trichlorophenol	13.41	196	29523	2.679	ng/ul	95
43) 1,1'-Biphenyl	13.74	154	120833	2.833	ng/ul	99
44) 2-Chloronaphthalene	13.79	162	93602	2.803	ng/ul	98
45) 2-Nitroaniline	13.98	65	20894	2.386	ng/ul	96
47) Dimethylphthalate	14.35	163	114880	2.848	ng/ul	99
48) 2,6-Dinitrotoluene	14.47	165	18809	2.432	ng/ul	91
50) Acenaphthylene	14.63	152	140579	2.857	ng/ul	100
51) 3-Nitroaniline	14.79	138	18658	2.577	ng/ul	96
52) Acenaphthene	14.96	153	101571	2.863	ng/ul	99
53) 2,4-Dinitrophenol	15.00	184	7053	1.586	ng/ul	97
55) 4-Nitrophenol	15.08	109	15930	2.922	ng/ul	95
56) Dibenzofuran	15.29	168	137570	2.846	ng/ul	96
57) 2,4-Dinitrotoluene	15.25	165	26742	2.462	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.51	232	23592	2.532	ng/ul	96
59) Diethylphthalate	15.69	149	112175	2.728	ng/ul	99
61) Fluorene	15.94	166	116767	2.902	ng/ul	97
62) 4-Chlorophenyl-phenylether	15.92	204	56840	2.867	ng/ul	98
63) 4-Nitroaniline	15.94	138	20382	3.408	ng/ul	94
66) 4,6-Dinitro-2-methylphenol	16.00	198	17853	2.600	ng/ul#	47
67) N-Nitrosodiphenylamine	16.13	169	93038	2.733	ng/ul	99
68) 4-Bromophenyl-phenylether	16.81	248	32394	2.663	ng/ul	96
69) Hexachlorobenzene	16.93	284	38627	2.784	ng/ul	100
70) Atrazine	17.06	200	30673	2.512	ng/ul	99
71) Pentachlorophenol	17.27	266	16447	2.053	ng/ul	95
72) Phenanthrene	17.66	178	180542	2.829	ng/ul	99
74) Anthracene	17.75	178	182908	2.812	ng/ul	99
75) 1,2,3,4-Tetrachlorobenzene	13.71	216	45936	2.765	ng/uL	98
76) Pentachlorobenzene	15.22	250	44887	2.719	ng/uL	94
77) Carbazole	18.01	167	150343	2.722	ng/ul	100
78) Di-n-butylphthalate	18.55	149	176607	2.456	ng/ul	100
80) Fluoranthene	19.64	202	196112	2.766	ng/ul	99
82) Pyrene	20.00	202	214068	2.914	ng/ul	98
83) Butylbenzylphthalate	20.86	149	73577	2.384	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.63	252	62333	2.752	ng/ul	99
85) Benzo(a)anthracene	21.71	228	196899	2.882	ng/ul	98
86) Bis(2-ethylhexyl)phthalate	21.61	149	113311	2.398	ng/ul	98
87) Chrysene	21.76	228	192541	2.874	ng/ul	99
89) Di-n-octyl phthalate	22.53	149	191685	2.331	ng/ul	100
90) Benzo(b)fluoranthene	23.39	252	194387	2.752	ng/ul	99
91) Benzo(k)fluoranthene	23.44	252	189335	2.773	ng/ul	98
93) Benzo(a)pyrene	24.02	252	180047	2.849	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.60	276	211177	2.805	ng/ul	96
95) Dibenzo(a,h)anthracene	26.60	278	182102	2.844	ng/ul	96
96) Benzo(g,h,i)perylene	27.36	276	175577	2.780	ng/ul	98

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

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