Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120720\
Data File : BM028062.D
Acq On : 07 Dec 2020 17:08
Operator : JU/CG
Sample : L4485-18
Misc : MDL-SOIL-01
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MDL-ME-SOIL-04

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mohammad
12/8/2020 2:06:41 PM

Quant Time: Dec 07 17:57:43 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM120320.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 07 13:18:59 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.29	152	196349	20.00	ng/ul	0.00
20) Naphthalene-d8	11.12	136	822409	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.90	164	480106	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.62	188	962600	20.00	ng/ul	0.00
79) Chrysene-d12	21.73	240	849968	20.00	ng/ul	0.00
88) Perylene-d12	24.14	264	799153	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.47	96	25709	4.89	ng/uL	0.00
4) Pyridine-d5	3.93	84	355023	25.03	ng/ul	0.00
7) Phenol-d5	7.42	99	574914	35.17	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.59	67	372957	36.71	ng/ul	0.00
11) 2-Chlorophenol-d4	7.80	132	482104	35.41	ng/ul	0.00
15) 4-Methylphenol-d8	8.99	113	479395	37.19	ng/ul	0.00
21) Nitrobenzene-d5	9.46	128	230028	36.03	ng/ul	0.00
24) 2-Nitrophenol-d4	10.19	143	237585	37.24	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.73	165	441243	34.10	ng/ul	0.00
31) 4-Chloroaniline-d4	11.25	131	638296	36.06	ng/ul	0.00
46) Dimethylphthalate-d6	14.30	166	1298685	36.56	ng/ul	0.00
49) Acenaphthylene-d8	14.60	160	1681963	36.89	ng/ul	0.00
54) 4-Nitrophenol-d4	15.07	143	221522	32.34	ng/ul	0.00
60) Fluorene-d10	15.89	176	1103361	34.66	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.99	200	171283	30.66	ng/ul	0.00
73) Anthracene-d10	17.72	188	1619282	34.31	ng/ul	0.00
81) Pyrene-d10	19.98	212	1665710	37.33	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.99	264	1420638	33.39	ng/ul	0.00
Target Compounds						Qvalue
5) Pyridine	3.96	79	47470	3.335	ng/ul#	69
6) Benzaldehyde	7.40	77	39124	5.790	ng/ul	95
8) Phenol	7.45	94	52972	3.176	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.69	93	47634	3.468	ng/ul	97
12) 2-Chlorophenol	7.84	128	44614	3.183	ng/ul	99
13) 2-Methylphenol	8.72	108	38045	3.047	ng/ul	99
14) 2,2'-oxybis(1-Chloropropan	8.82	45	76025	3.440	ng/ul	98
16) Acetophenone	9.12	105	65504	3.396	ng/ul	98
17) N-Nitroso-di-n-propylamine	9.10	70	31759	3.465	ng/ul#	98
18) 4-Methylphenol	9.05	108	42717	3.192	ng/ul	92
19) Hexachloroethane	9.39	117	18908	3.214	ng/ul	93
22) Nitrobenzene	9.50	77	51132	3.245	ng/ul	98
23) Isophorone	10.03	82	81356	3.087	ng/ul	98
25) 2-Nitrophenol	10.22	139	23645	3.277	ng/ul	98
26) 2,4-Dimethylphenol	10.27	107	46942	3.166	ng/ul	96
27) Bis(2-Chloroethoxy)methane	10.51	93	59459	3.286	ng/ul	100
29) 2,4-Dichlorophenol	10.75	162	39997	3.159	ng/ul#	87
30) Naphthalene	11.17	128	146379	3.152	ng/ul	98
32) 4-Chloroaniline	11.27	127	57790	3.371	ng/ul	97
33) Hexachlorobutadiene	11.45	225	26113	3.150	ng/ul	98
34) Caprolactam	12.04	113	9269m	2.541	ng/ul	
35) 4-Chloro-3-methylphenol	12.36	107	38890	3.063	ng/ul	94

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36) 2-Methylnaphthalene	12.76	142	98249	3.218	ng/ul	99
37) 1-Methylnaphthalene	12.97	142	93897	3.199	ng/ul	99
39) 1,2,4,5-Tetrachlorobenzene	13.12	216	49074	3.003	ng/ul	100
40) Hexachlorocyclopentadiene	13.10	237	22653	2.432	ng/ul	92
41) 2,4,6-Trichlorophenol	13.35	196	26570	2.713	ng/ul	97
42) 2,4,5-Trichlorophenol	13.42	196	30663	2.916	ng/ul	95
43) 1,1'-Biphenyl	13.75	154	125991	3.063	ng/ul	99
44) 2-Chloronaphthalene	13.79	162	99505	3.070	ng/ul	97
45) 2-Nitroaniline	13.99	65	21251	2.637	ng/ul	95
47) Dimethylphthalate	14.34	163	119721	3.260	ng/ul	98
48) 2,6-Dinitrotoluene	14.47	165	18244	2.617	ng/ul	97
50) Acenaphthylene	14.63	152	148041	3.133	ng/ul	99
51) 3-Nitroaniline	14.80	138	19299	2.789	ng/ul	97
52) Acenaphthene	14.97	153	104745	3.089	ng/ul	99
53) 2,4-Dinitrophenol	15.00	184	6953	1.734	ng/ul	96
55) 4-Nitrophenol	15.08	109	15684	3.114	ng/ul	88
56) Dibenzofuran	15.30	168	144191	3.139	ng/ul	100
57) 2,4-Dinitrotoluene	15.24	165	27942	2.860	ng/ul#	87
58) 2,3,4,6-Tetrachlorophenol	15.52	232	23607	2.795	ng/ul	95
59) Diethylphthalate	15.69	149	115775	3.218	ng/ul	99
61) Fluorene	15.94	166	119527	3.188	ng/ul	95
62) 4-Chlorophenyl-phenylether	15.93	204	58812	3.203	ng/ul	94
63) 4-Nitroaniline	15.94	138	19755	3.222	ng/ul	92
66) 4,6-Dinitro-2-methylphenol	16.00	198	17344	2.819	ng/ul#	62
67) N-Nitrosodiphenylamine	16.13	169	96240	3.040	ng/ul	99
68) 4-Bromophenyl-phenylether	16.82	248	33310	3.028	ng/ul	96
69) Hexachlorobenzene	16.93	284	38725	3.051	ng/ul	98
70) Atrazine	17.06	200	30240	2.822	ng/ul	97
71) Pentachlorophenol	17.27	266	15430	2.172	ng/ul	99
72) Phenanthrene	17.67	178	182965	3.126	ng/ul	99
74) Anthracene	17.76	178	185125	3.106	ng/ul	100
75) 1,2,3,4-Tetrachlorobenzene	13.72	216	48079	2.958	ng/uL	98
76) Pentachlorobenzene	15.22	250	47170	3.028	ng/uL	99
77) Carbazole	18.02	167	146887	2.896	ng/ul	99
78) Di-n-butylphthalate	18.55	149	169193	2.926	ng/ul	99
80) Fluoranthene	19.64	202	189758	3.246	ng/ul	100
82) Pyrene	20.00	202	205985	3.376	ng/ul	98
83) Butylbenzylphthalate	20.86	149	65267	2.980	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.64	252	54620	2.900	ng/ul#	93
85) Benzo(a)anthracene	21.72	228	175844	3.116	ng/ul	98
86) Bis(2-ethylhexyl)phthalate	21.62	149	95056	2.869	ng/ul	97
87) Chrysene	21.77	228	177251	3.178	ng/ul	99
89) Di-n-octyl phthalate	22.54	149	155807	2.876	ng/ul	100
90) Benzo(b)fluoranthene	23.40	252	166572	3.159	ng/ul	99
91) Benzo(k)fluoranthene	23.45	252	164068	3.225	ng/ul	98
93) Benzo(a)pyrene	24.03	252	156132	3.255	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.61	276	172362	2.927	ng/ul	97
95) Dibenzo(a,h)anthracene	26.62	278	146126	2.936	ng/ul	98
96) Benzo(g,h,i)perylene	27.37	276	145130	2.921	ng/ul	97

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

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