Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120420\
Data File : BM028036.D
Acq On : 04 Dec 2020 18:31
Operator : JU/CG
Sample : L4485-15
Misc : ME-SOIL-01
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MDL-ME-SOIL-01

Manual Integrations APPROVED
mohammad
12/7/2020 8:54:30 AM

Quant Time: Dec 05 00:26:53 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	239968	20.00	ng/ul	0.00
20) Naphthalene-d8	11.12	136	993319	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.91	164	566390	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.63	188	1121963	20.00	ng/ul	0.00
79) Chrysene-d12	21.73	240	1018348	20.00	ng/ul	0.00
88) Perylene-d12	24.14	264	1001171	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.47	96	28591	4.45	ng/uL	0.00
4) Pyridine-d5	3.93	84	396653	22.88	ng/ul	0.00
7) Phenol-d5	7.42	99	661537	33.12	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.60	67	435118	35.05	ng/ul	0.00
11) 2-Chlorophenol-d4	7.81	132	561471	33.74	ng/ul	0.00
15) 4-Methylphenol-d8	8.99	113	550999	34.97	ng/ul	0.00
21) Nitrobenzene-d5	9.47	128	265555	34.43	ng/ul	0.00
24) 2-Nitrophenol-d4	10.20	143	271396	35.22	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.73	165	507796	32.49	ng/ul	0.00
31) 4-Chloroaniline-d4	11.25	131	729221	34.11	ng/ul	0.00
46) Dimethylphthalate-d6	14.30	166	1463907	34.93	ng/ul	0.00
49) Acenaphthylene-d8	14.61	160	1912245	35.55	ng/ul	0.00
54) 4-Nitrophenol-d4	15.07	143	248472	30.74	ng/ul	0.00
60) Fluorene-d10	15.89	176	1243038	33.10	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.99	200	195324	29.99	ng/ul	0.00
73) Anthracene-d10	17.73	188	1814549	32.99	ng/ul	0.00
81) Pyrene-d10	19.98	212	1881052	35.19	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.99	264	1702783	31.95	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.51	88	5932	0.898	ng/uL	96
5) Pyridine	3.96	79	57492	3.305	ng/ul#	68
6) Benzaldehyde	7.41	77	48636	5.890	ng/ul	94
8) Phenol	7.45	94	64773	3.177	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.69	93	58580	3.490	ng/ul	98
12) 2-Chlorophenol	7.85	128	56155	3.278	ng/ul	98
13) 2-Methylphenol	8.73	108	47061	3.084	ng/ul	96
14) 2,2'-oxybis(1-Chloropropan	8.82	45	93421	3.459	ng/ul	99
16) Acetophenone	9.12	105	80796	3.427	ng/ul	97
17) N-Nitroso-di-n-propylamine	9.10	70	38808	3.464	ng/ul	99
18) 4-Methylphenol	9.06	108	52306	3.198	ng/ul	96
19) Hexachloroethane	9.39	117	22880	3.182	ng/ul	95
22) Nitrobenzene	9.51	77	61912	3.253	ng/ul	97
23) Isophorone	10.04	82	101468	3.187	ng/ul	99
25) 2-Nitrophenol	10.23	139	29176	3.348	ng/ul	98
26) 2,4-Dimethylphenol	10.27	107	58071	3.243	ng/ul	99
27) Bis(2-Chloroethoxy)methane	10.51	93	73442	3.361	ng/ul	97
29) 2,4-Dichlorophenol	10.76	162	49651	3.247	ng/ul	99
30) Naphthalene	11.17	128	181581	3.237	ng/ul	98
32) 4-Chloroaniline	11.27	127	71009	3.430	ng/ul	98
33) Hexachlorobutadiene	11.46	225	32945	3.291	ng/ul	97
34) Caprolactam	12.05	113	11856m	2.691	ng/ul	

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35) 4-Chloro-3-methylphenol	12.37	107	47933	3.125	ng/ul	99
36) 2-Methylnaphthalene	12.76	142	120220	3.260	ng/ul	100
37) 1-Methylnaphthalene	12.98	142	115559	3.259	ng/ul	99
39) 1,2,4,5-Tetrachlorobenzene	13.12	216	61720	3.202	ng/ul	96
40) Hexachlorocyclopentadiene	13.10	237	26479	2.410	ng/ul	96
41) 2,4,6-Trichlorophenol	13.35	196	34022	2.945	ng/ul	97
42) 2,4,5-Trichlorophenol	13.42	196	36502	2.943	ng/ul	96
43) 1,1'-Biphenyl	13.75	154	156977	3.235	ng/ul	99
44) 2-Chloronaphthalene	13.80	162	119899	3.136	ng/ul	99
45) 2-Nitroaniline	13.99	65	27302	2.872	ng/ul	95
47) Dimethylphthalate	14.35	163	147878	3.413	ng/ul	99
48) 2,6-Dinitrotoluene	14.47	165	22300	2.711	ng/ul	89
50) Acenaphthylene	14.64	152	180153	3.232	ng/ul	100
51) 3-Nitroaniline	14.80	138	24197	2.964	ng/ul	98
52) Acenaphthene	14.97	153	127938	3.198	ng/ul	99
53) 2,4-Dinitrophenol	15.00	184	9109	1.925	ng/ul	94
55) 4-Nitrophenol	15.09	109	19325	3.252	ng/ul	90
56) Dibenzofuran	15.30	168	175470	3.238	ng/ul	100
57) 2,4-Dinitrotoluene	15.25	165	33255	2.885	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	15.52	232	29584	2.969	ng/ul	99
59) Diethylphthalate	15.70	149	141957	3.344	ng/ul	99
61) Fluorene	15.94	166	146169	3.304	ng/ul	99
62) 4-Chlorophenyl-phenylether	15.93	204	73131	3.376	ng/ul	98
63) 4-Nitroaniline	15.94	138	25291	3.497	ng/ul	90
66) 4,6-Dinitro-2-methylphenol	16.01	198	21967	3.064	ng/ul#	81
67) N-Nitrosodiphenylamine	16.14	169	116338	3.153	ng/ul	98
68) 4-Bromophenyl-phenylether	16.82	248	41364	3.226	ng/ul	92
69) Hexachlorobenzene	16.94	284	47527	3.213	ng/ul	99
70) Atrazine	17.07	200	36599	2.931	ng/ul	97
71) Pentachlorophenol	17.27	266	22721	2.745	ng/ul	93
72) Phenanthrene	17.67	178	221726	3.250	ng/ul	98
74) Anthracene	17.76	178	222188	3.198	ng/ul	100
75) 1,2,3,4-Tetrachlorobenzene	13.72	216	59687	3.150	ng/uL	97
76) Pentachlorobenzene	15.22	250	57652	3.175	ng/uL	99
77) Carbazole	18.02	167	180424	3.052	ng/ul	100
78) Di-n-butylphthalate	18.56	149	212580	3.154	ng/ul	100
80) Fluoranthene	19.65	202	235720	3.365	ng/ul	98
82) Pyrene	20.01	202	246996	3.379	ng/ul	99
83) Butylbenzylphthalate	20.86	149	83933	3.199	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.64	252	67088	2.973	ng/ul	99
85) Benzo(a)anthracene	21.72	228	219569	3.248	ng/ul	99
86) Bis(2-ethylhexyl)phthalate	21.62	149	125631	3.165	ng/ul	100
87) Chrysene	21.77	228	221273	3.312	ng/ul	99
89) Di-n-octyl phthalate	22.54	149	209627	3.089	ng/ul	100
90) Benzo(b)fluoranthene	23.40	252	218815	3.313	ng/ul	97
91) Benzo(k)fluoranthene	23.45	252	213988	3.357	ng/ul	99
93) Benzo(a)pyrene	24.03	252	203064	3.379	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.61	276	234242	3.175	ng/ul	98
95) Dibenzo(a,h)anthracene	26.62	278	199316	3.196	ng/ul	97
96) Benzo(g,h,i)perylene	27.37	276	194262	3.121	ng/ul	98

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

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