Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120820\
Data File : BM028078.D
Acq On : 08 Dec 2020 18:46
Operator : JU/CG
Sample : L4485-06
Misc : MDL-SOIL-01
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MDL-SOIL-06

Manual Integrations APPROVED
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12/9/2020 12:27:25 PM

Quant Time: Dec 09 03:46:55 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	265722	20.00	ng/ul	0.00
20) Naphthalene-d8	11.12	136	1159290	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.90	164	679466	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.62	188	1423216	20.00	ng/ul	0.00
79) Chrysene-d12	21.73	240	1444231	20.00	ng/ul	0.00
88) Perylene-d12	24.13	264	1474266	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.46	96	31355	4.51	ng/uL	0.00
4) Pyridine-d5	3.92	84	418375	22.01	ng/ul	0.00
7) Phenol-d5	7.42	99	781790	34.47	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.59	67	514288	35.68	ng/ul	0.00
11) 2-Chlorophenol-d4	7.80	132	652593	34.56	ng/ul	0.00
15) 4-Methylphenol-d8	8.99	113	664523	35.90	ng/ul	0.00
21) Nitrobenzene-d5	9.46	128	321237	34.34	ng/ul	0.00
24) 2-Nitrophenol-d4	10.19	143	336564	34.94	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.73	165	601479	31.78	ng/ul	0.00
31) 4-Chloroaniline-d4	11.25	131	867838	32.87	ng/ul	0.00
46) Dimethylphthalate-d6	14.30	166	1806428	33.44	ng/ul	0.00
49) Acenaphthylene-d8	14.60	160	2278673	34.71	ng/ul	0.00
54) 4-Nitrophenol-d4	15.07	143	326832	32.11	ng/ul	0.00
60) Fluorene-d10	15.89	176	1486401	31.63	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.99	200	267553	30.77	ng/ul	0.00
73) Anthracene-d10	17.72	188	2279366	32.18	ng/ul	0.00
81) Pyrene-d10	19.97	212	2515621	32.08	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.99	264	2463880	30.52	ng/ul	0.00
Target Compounds						Qvalue
5) Pyridine	3.95	79	49056	2.574	ng/ul#	76
6) Benzaldehyde	7.40	77	41147	4.646	ng/ul	96
8) Phenol	7.44	94	57816	2.529	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.69	93	52726	2.705	ng/ul	96
12) 2-Chlorophenol	7.83	128	49213	2.517	ng/ul	97
13) 2-Methylphenol	8.72	108	41787	2.375	ng/ul	97
14) 2,2'-oxybis(1-Chloropropan	8.82	45	82233	2.547	ng/ul	98
16) Acetophenone	9.12	105	70935	2.524	ng/ul	99
17) N-Nitroso-di-n-propylamine	9.10	70	36093	2.631	ng/ul	98
18) 4-Methylphenol	9.05	108	46652	2.451	ng/ul	98
19) Hexachloroethane	9.39	117	19575	2.334	ng/ul	99
22) Nitrobenzene	9.50	77	56146	2.473	ng/ul	98
23) Isophorone	10.03	82	91763	2.282	ng/ul	97
25) 2-Nitrophenol	10.22	139	27076	2.536	ng/ul	97
26) 2,4-Dimethylphenol	10.26	107	50847	2.358	ng/ul	98
27) Bis(2-Chloroethoxy)methane	10.50	93	65955	2.422	ng/ul	99
29) 2,4-Dichlorophenol	10.75	162	43803	2.350	ng/ul	90
30) Naphthalene	11.17	128	159475	2.381	ng/ul	98
32) 4-Chloroaniline	11.26	127	64642	2.516	ng/ul	99
33) Hexachlorobutadiene	11.45	225	28325	2.332	ng/ul	96
34) Caprolactam	12.06	113	12957m	2.216	ng/ul	
35) 4-Chloro-3-methylphenol	12.36	107	43983	2.296	ng/ul	95

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36) 2-Methylnaphthalene	12.75	142	109204	2.399	ng/ul	99
37) 1-Methylnaphthalene	12.97	142	104122	2.378	ng/ul	97
39) 1,2,4,5-Tetrachlorobenzene	13.12	216	54042	2.358	ng/ul	99
40) Hexachlorocyclopentadiene	13.09	237	25280	1.881	ng/ul	96
41) 2,4,6-Trichlorophenol	13.35	196	30770	2.186	ng/ul	99
42) 2,4,5-Trichlorophenol	13.41	196	33636	2.212	ng/ul	97
43) 1,1'-Biphenyl	13.75	154	142885	2.427	ng/ul	99
44) 2-Chloronaphthalene	13.79	162	111550	2.420	ng/ul	99
45) 2-Nitroaniline	13.98	65	25483	2.108	ng/ul	96
47) Dimethylphthalate	14.34	163	135711	2.438	ng/ul	99
48) 2,6-Dinitrotoluene	14.47	165	22091	2.070	ng/ul	97
50) Acenaphthylene	14.63	152	168222	2.477	ng/ul	99
51) 3-Nitroaniline	14.79	138	23591	2.361	ng/ul	88
52) Acenaphthene	14.97	153	122024	2.492	ng/ul	99
53) 2,4-Dinitrophenol	15.00	184	9205	1.500	ng/ul	97
55) 4-Nitrophenol	15.08	109	21070	2.800	ng/ul#	82
56) Dibenzofuran	15.29	168	171475	2.570	ng/ul	97
57) 2,4-Dinitrotoluene	15.24	165	34283	2.287	ng/ul#	98
58) 2,3,4,6-Tetrachlorophenol	15.52	232	28472	2.214	ng/ul	95
59) Diethylphthalate	15.69	149	142423	2.510	ng/ul	100
61) Fluorene	15.94	166	141215	2.543	ng/ul	98
62) 4-Chlorophenyl-phenylether	15.92	204	70186	2.565	ng/ul	99
63) 4-Nitroaniline	15.94	138	24576	2.978	ng/ul	95
66) 4,6-Dinitro-2-methylphenol	16.00	198	22887	2.422	ng/ul#	74
67) N-Nitrosodiphenylamine	16.13	169	111667	2.384	ng/ul	98
68) 4-Bromophenyl-phenylether	16.81	248	41529	2.481	ng/ul	99
69) Hexachlorobenzene	16.93	284	45720	2.395	ng/ul	96
70) Atrazine	17.06	200	38068	2.266	ng/ul	99
71) Pentachlorophenol	17.27	266	20887	1.895	ng/ul	97
72) Phenanthrene	17.66	178	214331	2.441	ng/ul	99
74) Anthracene	17.76	178	221060	2.470	ng/ul	99
75) 1,2,3,4-Tetrachlorobenzene	13.72	216	51517	2.253	ng/uL	99
76) Pentachlorobenzene	15.22	250	50066	2.204	ng/uL	95
77) Carbazole	18.02	167	180980	2.382	ng/ul	99
78) Di-n-butylphthalate	18.55	149	239336	2.419	ng/ul	99
80) Fluoranthene	19.64	202	243334	2.384	ng/ul	98
82) Pyrene	20.00	202	253564	2.398	ng/ul	99
83) Butylbenzylphthalate	20.86	149	100952	2.272	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.64	252	76495	2.346	ng/ul	99
85) Benzo(a)anthracene	21.72	228	239697	2.437	ng/ul	99
86) Bis(2-ethylhexyl)phthalate	21.62	149	150121	2.207	ng/ul	99
87) Chrysene	21.77	228	232424	2.410	ng/ul	99
89) Di-n-octyl phthalate	22.54	149	244783	2.073	ng/ul	100
90) Benzo(b)fluoranthene	23.40	252	235949	2.327	ng/ul	99
91) Benzo(k)fluoranthene	23.45	252	236267	2.411	ng/ul	100
93) Benzo(a)pyrene	24.03	252	220503	2.430	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.60	276	257405	2.381	ng/ul	98
95) Dibenzo(a,h)anthracene	26.61	278	217232	2.363	ng/ul	97
96) Benzo(g,h,i)perylene	27.37	276	211081	2.328	ng/ul	100

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

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