Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120820\
Data File : BM028080.D
Acq On : 08 Dec 2020 19:58
Operator : JU/CG
Sample : L4485-07
Misc : MDL-SOIL--02
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-07

Manual Integrations APPROVED
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12/9/2020 12:27:28 PM

Quant Time: Dec 09 03:51:18 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	227988	20.00	ng/ul	0.00
20) Naphthalene-d8	11.12	136	968921	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.90	164	570789	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.62	188	1171142	20.00	ng/ul	0.00
79) Chrysene-d12	21.73	240	1144085	20.00	ng/ul	-0.01
88) Perylene-d12	24.13	264	1161725	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.46	96	26074	4.37	ng/uL	0.00
4) Pyridine-d5	3.92	84	387534	23.77	ng/ul	0.00
7) Phenol-d5	7.42	99	678155	34.85	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.59	67	452232	36.57	ng/ul	0.00
11) 2-Chlorophenol-d4	7.80	132	574146	35.43	ng/ul	0.00
15) 4-Methylphenol-d8	8.99	113	574783	36.19	ng/ul	0.00
21) Nitrobenzene-d5	9.46	128	278360	35.61	ng/ul	0.00
24) 2-Nitrophenol-d4	10.19	143	293270	36.43	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.72	165	524874	33.18	ng/ul	0.00
31) 4-Chloroaniline-d4	11.24	131	763470	34.59	ng/ul	0.00
46) Dimethylphthalate-d6	14.30	166	1600325	35.26	ng/ul	0.00
49) Acenaphthylene-d8	14.60	160	2024342	36.71	ng/ul	0.00
54) 4-Nitrophenol-d4	15.07	143	278144	32.53	ng/ul	0.00
60) Fluorene-d10	15.89	176	1321767	33.48	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.99	200	225233	31.48	ng/ul	0.00
73) Anthracene-d10	17.72	188	1985074	34.05	ng/ul	0.00
81) Pyrene-d10	19.97	212	2140678	34.46	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.98	264	2036515	32.02	ng/ul	0.00
Target Compounds						Qvalue
5) Pyridine	3.95	79	50627	3.096	ng/ul#	76
6) Benzaldehyde	7.40	77	44589	5.868	ng/ul	96
8) Phenol	7.44	94	60448	3.081	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.69	93	55780	3.335	ng/ul	93
12) 2-Chlorophenol	7.83	128	51584	3.074	ng/ul	93
13) 2-Methylphenol	8.72	108	45577	3.019	ng/ul	94
14) 2,2'-oxybis(1-Chloropropan	8.81	45	89979	3.248	ng/ul	99
16) Acetophenone	9.12	105	75453	3.129	ng/ul	95
17) N-Nitroso-di-n-propylamine	9.10	70	39482	3.354	ng/ul	96
18) 4-Methylphenol	9.05	108	49378	3.024	ng/ul	100
19) Hexachloroethane	9.38	117	21304	2.961	ng/ul	99
22) Nitrobenzene	9.50	77	58908	3.104	ng/ul	99
23) Isophorone	10.03	82	99369	2.956	ng/ul	96
25) 2-Nitrophenol	10.22	139	28365	3.179	ng/ul	97
26) 2,4-Dimethylphenol	10.26	107	54687	3.035	ng/ul	99
27) Bis(2-Chloroethoxy)methane	10.50	93	71870	3.158	ng/ul	99
29) 2,4-Dichlorophenol	10.75	162	48007	3.082	ng/ul	94
30) Naphthalene	11.17	128	170836	3.052	ng/ul	99
32) 4-Chloroaniline	11.26	127	67530	3.145	ng/ul	99
33) Hexachlorobutadiene	11.45	225	30457	3.001	ng/ul	98
34) Caprolactam	12.05	113	13818m	2.827	ng/ul	
35) 4-Chloro-3-methylphenol	12.36	107	46752	2.919	ng/ul	96

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36) 2-Methylnaphthalene	12.76	142	119540	3.142	ng/ul	95
37) 1-Methylnaphthalene	12.97	142	113636	3.106	ng/ul	97
39) 1,2,4,5-Tetrachlorobenzene	13.12	216	58914	3.060	ng/ul	93
40) Hexachlorocyclopentadiene	13.09	237	26010	2.304	ng/ul	99
41) 2,4,6-Trichlorophenol	13.35	196	34007	2.876	ng/ul	97
42) 2,4,5-Trichlorophenol	13.41	196	37792	2.958	ng/ul	96
43) 1,1'-Biphenyl	13.75	154	153659	3.107	ng/ul	98
44) 2-Chloronaphthalene	13.79	162	120138	3.103	ng/ul	98
45) 2-Nitroaniline	13.98	65	27118	2.670	ng/ul	95
47) Dimethylphthalate	14.35	163	146983	3.143	ng/ul	100
48) 2,6-Dinitrotoluene	14.47	165	23654	2.638	ng/ul	93
50) Acenaphthylene	14.63	152	180571	3.165	ng/ul	99
51) 3-Nitroaniline	14.79	138	24890	2.965	ng/ul	99
52) Acenaphthene	14.97	153	130662	3.176	ng/ul	97
53) 2,4-Dinitrophenol	15.00	184	9764	1.893	ng/ul	95
55) 4-Nitrophenol	15.08	109	21569	3.412	ng/ul#	87
56) Dibenzofuran	15.30	168	181734	3.243	ng/ul	99
57) 2,4-Dinitrotoluene	15.25	165	35842	2.846	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.52	232	30863	2.857	ng/ul#	96
59) Diethylphthalate	15.69	149	151713	3.183	ng/ul	97
61) Fluorene	15.94	166	151592	3.250	ng/ul	98
62) 4-Chlorophenyl-phenylether	15.92	204	76552	3.330	ng/ul	99
63) 4-Nitroaniline	15.94	138	25771	3.717	ng/ul	96
66) 4,6-Dinitro-2-methylphenol	16.00	198	23834	3.065	ng/ul#	85
67) N-Nitrosodiphenylamine	16.13	169	120214	3.119	ng/ul	99
68) 4-Bromophenyl-phenylether	16.81	248	43601	3.165	ng/ul	98
69) Hexachlorobenzene	16.93	284	48559	3.091	ng/ul	99
70) Atrazine	17.06	200	40931	2.961	ng/ul	98
71) Pentachlorophenol	17.27	266	22035	2.429	ng/ul	97
72) Phenanthrene	17.66	178	223486	3.093	ng/ul	98
74) Anthracene	17.75	178	230580	3.131	ng/ul	99
75) 1,2,3,4-Tetrachlorobenzene	13.72	216	57888	3.077	ng/uL	96
76) Pentachlorobenzene	15.22	250	55853	2.988	ng/uL	98
77) Carbazole	18.01	167	191374	3.060	ng/ul	99
78) Di-n-butylphthalate	18.55	149	257185	3.159	ng/ul	99
80) Fluoranthene	19.64	202	254777	3.151	ng/ul	99
82) Pyrene	20.00	202	262257	3.131	ng/ul	97
83) Butylbenzylphthalate	20.86	149	105397	2.995	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.63	252	72869	2.821	ng/ul	99
85) Benzo(a)anthracene	21.72	228	242529	3.113	ng/ul	99
86) Bis(2-ethylhexyl)phthalate	21.61	149	156043	2.896	ng/ul	99
87) Chrysene	21.77	228	238859	3.127	ng/ul	99
89) Di-n-octyl phthalate	22.53	149	258542	2.779	ng/ul	100
90) Benzo(b)fluoranthene	23.40	252	239311	2.995	ng/ul	99
91) Benzo(k)fluoranthene	23.44	252	236745	3.065	ng/ul	99
93) Benzo(a)pyrene	24.03	252	214004	2.993	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.60	276	254386	2.986	ng/ul	98
95) Dibenzo(a,h)anthracene	26.61	278	215937	2.981	ng/ul	99
96) Benzo(g,h,i)perylene	27.37	276	213799	2.993	ng/ul	97

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

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