Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120420\
Data File : BM028025.D
Acq On : 04 Dec 2020 11:51
Operator : JU/CG
Sample : L4485-02
Misc : MDL-SOIL--02
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : MDL-SOIL-02

Quant Time: Dec 04 12:56:11 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM120320.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 04 11:20:16 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.29	152	219956	20.00	ng/ul	0.00
20) Naphthalene-d8	11.13	136	885410	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.91	164	507359	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.63	188	1020628	20.00	ng/ul	0.00
79) Chrysene-d12	21.73	240	938833	20.00	ng/ul	0.00
88) Perylene-d12	24.14	264	924856	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.47	96	27910	4.74	ng/uL	0.00
4) Pyridine-d5	3.93	84	369851	23.28	ng/ul	0.00
7) Phenol-d5	7.42	99	601810	32.87	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.60	67	395411	34.75	ng/ul	0.00
11) 2-Chlorophenol-d4	7.81	132	512219	33.58	ng/ul	0.00
15) 4-Methylphenol-d8	8.99	113	497845	34.47	ng/ul	0.00
21) Nitrobenzene-d5	9.47	128	238027	34.63	ng/ul	0.00
24) 2-Nitrophenol-d4	10.20	143	245180	35.70	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.73	165	454474	32.62	ng/ul	0.00
31) 4-Chloroaniline-d4	11.25	131	651723	34.20	ng/ul	0.00
46) Dimethylphthalate-d6	14.31	166	1306827	34.81	ng/ul	0.00
49) Acenaphthylene-d8	14.61	160	1707747	35.44	ng/ul	0.00
54) 4-Nitrophenol-d4	15.07	143	220392	30.44	ng/ul	0.00
60) Fluorene-d10	15.89	176	1102795	32.78	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	16.00	200	173898	29.36	ng/ul	0.00
73) Anthracene-d10	17.73	188	1627349	32.52	ng/ul	0.00
81) Pyrene-d10	19.98	212	1701495	34.52	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.99	264	1545049	31.38	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.51	88	4550	0.751	ng/uL	87
5) Pyridine	3.96	79	45552	2.857	ng/ul#	80
6) Benzaldehyde	7.41	77	36900	4.875	ng/ul	98
8) Phenol	7.45	94	50872	2.723	ng/ul	95
10) Bis(2-Chloroethyl)ether	7.69	93	45520	2.959	ng/ul	99
12) 2-Chlorophenol	7.85	128	42708	2.720	ng/ul	96
13) 2-Methylphenol	8.73	108	35907	2.567	ng/ul	99
14) 2,2'-oxybis(1-Chloropropan	8.82	45	72653	2.935	ng/ul	99
16) Acetophenone	9.12	105	59257	2.742	ng/ul	96
17) N-Nitroso-di-n-propylamine	9.10	70	29003	2.825	ng/ul	96
18) 4-Methylphenol	9.06	108	40189	2.680	ng/ul	96
19) Hexachloroethane	9.39	117	17759	2.695	ng/ul	99
22) Nitrobenzene	9.51	77	48347	2.850	ng/ul	98
23) Isophorone	10.04	82	74847	2.638	ng/ul	99
25) 2-Nitrophenol	10.23	139	22693	2.921	ng/ul	98
26) 2,4-Dimethylphenol	10.27	107	43068	2.698	ng/ul	96
27) Bis(2-Chloroethoxy)methane	10.51	93	56038	2.877	ng/ul	99
29) 2,4-Dichlorophenol	10.76	162	38233	2.805	ng/ul	96
30) Naphthalene	11.17	128	136959	2.739	ng/ul	99
32) 4-Chloroaniline	11.27	127	53763	2.913	ng/ul	100
33) Hexachlorobutadiene	11.46	225	24624	2.759	ng/ul	97
34) Caprolactam	12.05	113	8371	2.132	ng/ul	93

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35) 4-Chloro-3-methylphenol	12.37	107	35424	2.591	ng/ul	97
36) 2-Methylnaphthalene	12.76	142	92961	2.828	ng/ul	97
37) 1-Methylnaphthalene	12.98	142	87528	2.770	ng/ul	98
39) 1,2,4,5-Tetrachlorobenzene	13.12	216	46556	2.696	ng/ul	99
40) Hexachlorocyclopentadiene	13.10	237	20734	2.107	ng/ul	100
41) 2,4,6-Trichlorophenol	13.35	196	25307	2.446	ng/ul	94
42) 2,4,5-Trichlorophenol	13.42	196	27952	2.516	ng/ul	99
43) 1,1'-Biphenyl	13.75	154	117259	2.697	ng/ul	98
44) 2-Chloronaphthalene	13.80	162	91657	2.676	ng/ul	99
45) 2-Nitroaniline	13.99	65	19619	2.304	ng/ul	98
47) Dimethylphthalate	14.35	163	110554	2.849	ng/ul	97
48) 2,6-Dinitrotoluene	14.47	165	16939	2.299	ng/ul#	90
50) Acenaphthylene	14.64	152	137498	2.753	ng/ul	99
51) 3-Nitroaniline	14.80	138	17561	2.401	ng/ul	99
52) Acenaphthene	14.97	153	96950	2.705	ng/ul	96
53) 2,4-Dinitrophenol	15.00	184	6178	1.458	ng/ul	97
55) 4-Nitrophenol	15.09	109	14253	2.678	ng/ul	90
56) Dibenzofuran	15.30	168	133546	2.751	ng/ul	99
57) 2,4-Dinitrotoluene	15.25	165	25286	2.449	ng/ul#	93
58) 2,3,4,6-Tetrachlorophenol	15.52	232	21443	2.403	ng/ul	91
59) Diethylphthalate	15.70	149	106439	2.799	ng/ul	99
61) Fluorene	15.94	166	110736	2.795	ng/ul	99
62) 4-Chlorophenyl-phenylether	15.93	204	54734	2.821	ng/ul	95
63) 4-Nitroaniline	15.94	138	18729	2.891	ng/ul	99
66) 4,6-Dinitro-2-methylphenol	16.01	198	16658	2.554	ng/ul#	81
67) N-Nitrosodiphenylamine	16.14	169	89757	2.674	ng/ul	99
68) 4-Bromophenyl-phenylether	16.82	248	30800	2.640	ng/ul	95
69) Hexachlorobenzene	16.94	284	36299	2.697	ng/ul	97
70) Atrazine	17.07	200	27014	2.378	ng/ul	95
71) Pentachlorophenol	17.27	266	14706	1.953	ng/ul	95
72) Phenanthrene	17.67	178	167999	2.707	ng/ul	98
74) Anthracene	17.76	178	170456	2.697	ng/ul	98
75) 1,2,3,4-Tetrachlorobenzene	13.72	216	44649	2.590	ng/uL	97
76) Pentachlorobenzene	15.22	250	43139	2.612	ng/uL	97
77) Carbazole	18.02	167	135457	2.519	ng/ul	99
78) Di-n-butylphthalate	18.56	149	154764	2.524	ng/ul	99
80) Fluoranthene	19.65	202	175667	2.720	ng/ul	99
82) Pyrene	20.01	202	194372	2.884	ng/ul	98
83) Butylbenzylphthalate	20.86	149	59879	2.475	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.64	252	53194	2.557	ng/ul	98
85) Benzo(a)anthracene	21.72	228	168746	2.708	ng/ul	99
86) Bis(2-ethylhexyl)phthalate	21.62	149	90424	2.471	ng/ul	99
87) Chrysene	21.77	228	167882	2.725	ng/ul	99
89) Di-n-octyl phthalate	22.54	149	148944	2.376	ng/ul	100
90) Benzo(b)fluoranthene	23.40	252	165527	2.713	ng/ul	98
91) Benzo(k)fluoranthene	23.45	252	162073	2.753	ng/ul	97
93) Benzo(a)pyrene	24.03	252	152395	2.746	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.61	276	175722	2.579	ng/ul	99
95) Dibenzo(a,h)anthracene	26.62	278	151989	2.639	ng/ul	99
96) Benzo(g,h,i)perylene	27.37	276	145646	2.533	ng/ul	98

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

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