Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031821\
Data File : BN013979.D
Acq On : 18 Mar 2021 12:57
Operator : CG/JU
Sample : M1344-06
Misc : SFAM-MDL-MES-02
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : MDL-MED-SOIL-QT2-2021-04

Quant Time: Mar 18 13:29:23 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN031721.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 18 10:04:56 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	141424	20.00	ng/ul	0.00
20) Naphthalene-d8	10.49	136	587483	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.35	164	345550	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.09	188	713123	20.00	ng/ul	0.00
79) Chrysene-d12	21.27	240	754719	20.00	ng/ul	0.00
88) Perylene-d12	23.50	264	739103	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.21	96	17992	5.01	ng/uL	0.00
4) Pyridine-d5	3.61	84	288116	29.27	ng/ul	0.00
7) Phenol-d5	6.87	99	409032	34.14	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.05	67	268544	35.78	ng/ul	0.00
11) 2-Chlorophenol-d4	7.24	132	334151	36.96	ng/ul	0.00
15) 4-Methylphenol-d8	8.40	113	312394	33.98	ng/ul	0.00
21) Nitrobenzene-d5	8.86	128	150669	36.79	ng/ul	0.00
24) 2-Nitrophenol-d4	9.58	143	150178	38.72	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.10	165	291292	34.83	ng/ul	0.00
31) 4-Chloroaniline-d4	10.62	131	426221	33.26	ng/ul	0.00
46) Dimethylphthalate-d6	13.76	166	890708	37.17	ng/ul	0.00
49) Acenaphthylene-d8	14.04	160	1136534	38.88	ng/ul	0.00
54) 4-Nitrophenol-d4	14.54	143	148446	31.94	ng/ul	0.00
60) Fluorene-d10	15.34	176	798446	37.43	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.46	200	102493	28.75	ng/ul	0.00
73) Anthracene-d10	17.19	188	1175343	35.77	ng/ul	0.00
81) Pyrene-d10	19.49	212	1292513	33.90	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.36	264	1461329	39.26	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.25	88	4661	1.264	ng/uL#	84
5) Pyridine	3.63	79	47590	4.696	ng/ul#	52
6) Benzaldehyde	6.85	77	33001	5.558	ng/ul	97
8) Phenol	6.90	94	61038	4.685	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.13	93	48396	4.735	ng/ul	99
12) 2-Chlorophenol	7.27	128	47097	4.800	ng/ul	99
13) 2-Methylphenol	8.14	108	39486	4.195	ng/ul	92
14) 2,2'-oxybis(1-Chloropropan	8.23	45	70780	4.609	ng/ul	99
16) Acetophenone	8.52	105	68491	4.488	ng/ul	95
17) N-Nitroso-di-n-propylamine	8.50	70	31222	4.417	ng/ul	97
18) 4-Methylphenol	8.46	108	45753	4.442	ng/ul	96
19) Hexachloroethane	8.78	117	18944	4.667	ng/ul	99
22) Nitrobenzene	8.90	77	53580	4.858	ng/ul	92
23) Isophorone	9.42	82	78990	4.233	ng/ul	97
25) 2-Nitrophenol	9.60	139	23308	5.127	ng/ul	97
26) 2,4-Dimethylphenol	9.66	107	49300	4.607	ng/ul	97
27) Bis(2-Chloroethoxy)methane	9.90	93	58310	4.508	ng/ul	96
29) 2,4-Dichlorophenol	10.13	162	41750	4.764	ng/ul	94
30) Naphthalene	10.54	128	154039	4.775	ng/ul	99
32) 4-Chloroaniline	10.65	127	61721	4.650	ng/ul	96
33) Hexachlorobutadiene	10.83	225	27582	4.955	ng/ul	90
34) Caprolactam	11.41	113	7857	2.990	ng/ul	90

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35) 4-Chloro-3-methylphenol	11.77	107	35783	4.030	ng/ul	94
36) 2-Methylnaphthalene	12.15	142	103607	4.725	ng/ul	99
37) 1-Methylnaphthalene	12.37	142	100014	4.599	ng/ul	96
39) 1,2,4,5-Tetrachlorobenzene	12.53	216	51904	4.767	ng/ul	99
40) Hexachlorocyclopentadiene	12.50	237	23772	3.614	ng/ul	97
41) 2,4,6-Trichlorophenol	12.77	196	24188	3.981	ng/ul	94
42) 2,4,5-Trichlorophenol	12.83	196	28787	4.233	ng/ul	99
43) 1,1'-Biphenyl	13.17	154	129547	4.678	ng/ul	99
44) 2-Chloronaphthalene	13.22	162	102877	4.769	ng/ul	96
45) 2-Nitroaniline	13.42	65	19210	3.672	ng/ul	96
47) Dimethylphthalate	13.80	163	122492	4.874	ng/ul	100
48) 2,6-Dinitrotoluene	13.92	165	16859	3.784	ng/ul	98
50) Acenaphthylene	14.06	152	152202	4.848	ng/ul	98
51) 3-Nitroaniline	14.25	138	17661	3.320	ng/ul	93
52) Acenaphthene	14.41	153	109376	4.784	ng/ul	95
53) 2,4-Dinitrophenol	14.45	184	5882	2.384	ng/ul	90
55) 4-Nitrophenol	14.55	109	16836	4.450	ng/ul	96
56) Dibenzofuran	14.75	168	155556	4.922	ng/ul	98
57) 2,4-Dinitrotoluene	14.70	165	26406	4.129	ng/ul	92
58) 2,3,4,6-Tetrachlorophenol	14.97	232	21298	4.045	ng/ul	92
59) Diethylphthalate	15.17	149	111580	4.547	ng/ul	97
61) Fluorene	15.39	166	123167	4.827	ng/ul	97
62) 4-Chlorophenyl-phenylether	15.39	204	59979	4.871	ng/ul	98
63) 4-Nitroaniline	15.41	138	19728	3.745	ng/ul	97
66) 4,6-Dinitro-2-methylphenol	15.47	198	14989	3.984	ng/ul#	93
67) N-Nitrosodiphenylamine	15.60	169	99231	4.573	ng/ul	99
68) 4-Bromophenyl-phenylether	16.29	248	33018	4.531	ng/ul	96
69) Hexachlorobenzene	16.40	284	40803	4.831	ng/ul	90
70) Atrazine	16.55	200	27026	3.679	ng/ul	97
71) Pentachlorophenol	16.74	266	12971	2.862	ng/ul	93
72) Phenanthrene	17.13	178	196120	4.826	ng/ul	100
74) Anthracene	17.22	178	199209	4.797	ng/ul	97
75) 1,2,3,4-Tetrachlorobenzene	13.13	216	50384	4.535	ng/uL	97
76) Pentachlorobenzene	14.66	250	46601	4.203	ng/uL	96
77) Carbazole	17.49	167	165151	4.476	ng/ul	97
78) Di-n-butylphthalate	18.06	149	149056	3.915	ng/ul	99
80) Fluoranthene	19.15	202	211148	4.439	ng/ul	99
82) Pyrene	19.51	202	238978	4.684	ng/ul	96
83) Butylbenzylphthalate	20.42	149	53020	3.269	ng/ul	100
84) 3,3'-Dichlorobenzidine	21.19	252	40849	3.075	ng/ul	90
85) Benzo(a)anthracene	21.26	228	217805	4.494	ng/ul	97
86) Bis(2-ethylhexyl)phthalate	21.19	149	84361	3.366	ng/ul	98
87) Chrysene	21.31	228	229370	4.821	ng/ul	97
89) Di-n-octyl phthalate	22.07	149	140003	3.010	ng/ul	100
90) Benzo(b)fluoranthene	22.83	252	227009	4.833	ng/ul	99
91) Benzo(k)fluoranthene	22.87	252	217163	4.604	ng/ul	97
93) Benzo(a)pyrene	23.40	252	212609	5.027	ng/ul	93
94) Indeno(1,2,3-cd)pyrene	25.73	276	258120	4.844	ng/ul	97
95) Dibenzo(a,h)anthracene	25.74	278	220979	4.921	ng/ul	99
96) Benzo(g,h,i)perylene	26.42	276	210111	4.766	ng/ul	97

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

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