Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031821\
Data File : BN013977.D
Acq On : 18 Mar 2021 11:45
Operator : CG/JU
Sample : M1344-04
Misc : SFAM-MDL-S-02
ALS Vial : 6 Sample Multiplier: 1

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

Quant Time: Mar 18 12:15:51 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	145182	20.00	ng/ul	0.00
20) Naphthalene-d8	10.49	136	581579	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.35	164	342589	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.09	188	708443	20.00	ng/ul	0.00
79) Chrysene-d12	21.27	240	713811	20.00	ng/ul	0.00
88) Perylene-d12	23.50	264	739664	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.21	96	18560	5.03	ng/uL	0.00
4) Pyridine-d5	3.61	84	280254	27.73	ng/ul	0.00
7) Phenol-d5	6.87	99	408472	33.21	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.04	67	271603	35.26	ng/ul	0.00
11) 2-Chlorophenol-d4	7.24	132	337458	36.36	ng/ul	0.00
15) 4-Methylphenol-d8	8.40	113	309996	32.84	ng/ul	0.00
21) Nitrobenzene-d5	8.86	128	147902	36.48	ng/ul	0.00
24) 2-Nitrophenol-d4	9.58	143	148336	38.64	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.10	165	289617	34.98	ng/ul	0.00
31) 4-Chloroaniline-d4	10.62	131	425068	33.50	ng/ul	0.00
46) Dimethylphthalate-d6	13.76	166	862057	36.28	ng/ul	0.00
49) Acenaphthylene-d8	14.03	160	1128932	38.96	ng/ul	0.00
54) 4-Nitrophenol-d4	14.53	143	142595	30.94	ng/ul	0.00
60) Fluorene-d10	15.34	176	773060	36.56	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.46	200	100584	28.40	ng/ul	0.00
73) Anthracene-d10	17.19	188	1179923	36.15	ng/ul	0.00
81) Pyrene-d10	19.48	212	1273773	35.33	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.36	264	1432341	38.45	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.25	88	4598	1.214	ng/uL	87
5) Pyridine	3.63	79	47971	4.611	ng/ul#	64
6) Benzaldehyde	6.85	77	32418	5.318	ng/ul	99
8) Phenol	6.90	94	60567	4.528	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.13	93	47332	4.511	ng/ul	99
12) 2-Chlorophenol	7.27	128	47423	4.708	ng/ul	98
13) 2-Methylphenol	8.14	108	38380	3.972	ng/ul	99
14) 2,2'-oxybis(1-Chloropropan	8.23	45	70972	4.502	ng/ul	100
16) Acetophenone	8.52	105	68014	4.341	ng/ul	93
17) N-Nitroso-di-n-propylamine	8.51	70	31014	4.274	ng/ul	98
18) 4-Methylphenol	8.47	108	46460	4.394	ng/ul	97
19) Hexachloroethane	8.78	117	18944	4.546	ng/ul	99
22) Nitrobenzene	8.90	77	53055	4.859	ng/ul	99
23) Isophorone	9.42	82	78054	4.225	ng/ul	99
25) 2-Nitrophenol	9.60	139	22427	4.983	ng/ul	98
26) 2,4-Dimethylphenol	9.66	107	47855	4.517	ng/ul	98
27) Bis(2-Chloroethoxy)methane	9.90	93	58361	4.558	ng/ul	97
29) 2,4-Dichlorophenol	10.13	162	42170	4.861	ng/ul	93
30) Naphthalene	10.54	128	152590	4.778	ng/ul	100
32) 4-Chloroaniline	10.65	127	61076	4.648	ng/ul	99
33) Hexachlorobutadiene	10.83	225	26998	4.899	ng/ul	98
34) Caprolactam	11.41	113	7397	2.843	ng/ul	91

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35) 4-Chloro-3-methylphenol	11.77	107	36290	4.128	ng/ul	98
36) 2-Methylnaphthalene	12.15	142	101855	4.692	ng/ul	100
37) 1-Methylnaphthalene	12.37	142	99715	4.632	ng/ul	98
39) 1,2,4,5-Tetrachlorobenzene	12.52	216	51038	4.728	ng/ul	99
40) Hexachlorocyclopentadiene	12.50	237	24932	3.823	ng/ul	96
41) 2,4,6-Trichlorophenol	12.76	196	23702	3.934	ng/ul	97
42) 2,4,5-Trichlorophenol	12.83	196	27075	4.016	ng/ul	97
43) 1,1'-Biphenyl	13.17	154	130862	4.767	ng/ul	98
44) 2-Chloronaphthalene	13.22	162	102257	4.782	ng/ul	97
45) 2-Nitroaniline	13.42	65	18824	3.629	ng/ul	95
47) Dimethylphthalate	13.80	163	120284	4.828	ng/ul	99
48) 2,6-Dinitrotoluene	13.92	165	16187	3.664	ng/ul#	85
50) Acenaphthylene	14.06	152	149855	4.814	ng/ul	100
51) 3-Nitroaniline	14.25	138	17853	3.385	ng/ul	99
52) Acenaphthene	14.41	153	108718	4.797	ng/ul	96
53) 2,4-Dinitrophenol	14.45	184	6373	2.606	ng/ul	88
55) 4-Nitrophenol	14.55	109	16705	4.453	ng/ul	95
56) Dibenzofuran	14.75	168	151737	4.843	ng/ul	100
57) 2,4-Dinitrotoluene	14.70	165	27115	4.277	ng/ul#	98
58) 2,3,4,6-Tetrachlorophenol	14.97	232	20716	3.968	ng/ul#	93
59) Diethylphthalate	15.17	149	107646	4.425	ng/ul	99
61) Fluorene	15.39	166	124808	4.934	ng/ul	97
62) 4-Chlorophenyl-phenylether	15.39	204	59829	4.901	ng/ul	96
63) 4-Nitroaniline	15.41	138	19199	3.676	ng/ul	94
66) 4,6-Dinitro-2-methylphenol	15.47	198	15237	4.076	ng/ul#	96
67) N-Nitrosodiphenylamine	15.60	169	98240	4.557	ng/ul	98
68) 4-Bromophenyl-phenylether	16.29	248	32070	4.430	ng/ul	98
69) Hexachlorobenzene	16.39	284	37888	4.516	ng/ul	96
70) Atrazine	16.56	200	26684	3.656	ng/ul	96
71) Pentachlorophenol	16.74	266	13032	2.894	ng/ul	92
72) Phenanthrene	17.13	178	192925	4.779	ng/ul	98
74) Anthracene	17.22	178	196215	4.756	ng/ul	98
75) 1,2,3,4-Tetrachlorobenzene	13.13	216	49935	4.524	ng/uL	99
76) Pentachlorobenzene	14.66	250	45903	4.167	ng/uL	97
77) Carbazole	17.49	167	159380	4.349	ng/ul	99
78) Di-n-butylphthalate	18.06	149	145029	3.834	ng/ul	100
80) Fluoranthene	19.15	202	202618	4.504	ng/ul	99
82) Pyrene	19.51	202	229451	4.755	ng/ul	98
83) Butylbenzylphthalate	20.42	149	52636	3.432	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.19	252	39138	3.115	ng/ul	98
85) Benzo(a)anthracene	21.26	228	211222	4.608	ng/ul	99
86) Bis(2-ethylhexyl)phthalate	21.19	149	81598	3.442	ng/ul	100
87) Chrysene	21.30	228	219254	4.873	ng/ul	96
89) Di-n-octyl phthalate	22.07	149	135966	2.921	ng/ul	100
90) Benzo(b)fluoranthene	22.83	252	222619	4.736	ng/ul	98
91) Benzo(k)fluoranthene	22.87	252	211965	4.491	ng/ul	99
93) Benzo(a)pyrene	23.40	252	207034	4.891	ng/ul	94
94) Indeno(1,2,3-cd)pyrene	25.73	276	248284	4.656	ng/ul	97
95) Dibenzo(a,h)anthracene	25.74	278	206897	4.604	ng/ul	95
96) Benzo(g,h,i)perylene	26.42	276	203637	4.615	ng/ul	99

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

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