Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030921\
Data File : BN013889.D
Acq On : 09 Mar 2021 13:19
Operator : CG/JU
Sample : M1534-11
Misc : SOM-MDL-S-04
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : MDL-SOIL-04

Quant Time: Mar 09 13:50:56 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN030421MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Mar 09 09:50:00 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	173191	20.00	ng/ul	0.00
18) Naphthalene-d8	10.50	136	714586	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.35	164	421406	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.09	188	872631	20.00	ng/ul	0.00
78) Chrysene-d12	21.27	240	868728	20.00	ng/ul	0.00
86) Perylene-d12	23.49	264	885624	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	19283	4.42	ng/uL	0.00
5) Phenol-d5	6.88	99	478954	34.20	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	318788	36.87	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	387861	36.21	ng/ul	0.00
13) 4-Methylphenol-d8	8.42	113	362404	34.16	ng/ul	0.00
19) Nitrobenzene-d5	8.87	128	175943	36.79	ng/ul	0.00
22) 2-Nitrophenol-d4	9.59	143	170705	37.37	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.12	165	341074	34.18	ng/ul	0.00
29) 4-Chloroaniline-d4	10.63	131	497372	40.25	ng/ul	0.00
44) Dimethylphthalate-d6	13.76	166	1015401	35.88	ng/ul	0.00
47) Acenaphthylene-d8	14.05	160	1332785	35.61	ng/ul	0.00
52) 4-Nitrophenol-d4	14.54	143	168038	31.66	ng/ul	0.00
58) Fluorene-d10	15.35	176	918460	36.76	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.46	200	116028	28.61	ng/ul	0.00
71) Anthracene-d10	17.19	188	1381842	36.23	ng/ul	0.00
79) Pyrene-d10	19.48	212	1450868	34.34	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.36	264	1655342	37.54	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.26	88	4395	0.992	ng/uL#	87
4) Benzaldehyde	6.86	77	35864	5.087	ng/ul	98
6) Phenol	6.91	94	56777	3.782	ng/ul	100
8) Bis(2-Chloroethyl)ether	7.15	93	44928	3.827	ng/ul	96
10) 2-Chlorophenol	7.28	128	44243	3.877	ng/ul	95
11) 2-Methylphenol	8.15	108	36001	3.324	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.25	45	67248	3.751	ng/ul	97
14) Acetophenone	8.53	105	66651	3.814	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.52	70	30142	3.476	ng/ul	91
16) 4-Methylphenol	8.48	108	43139	3.671	ng/ul	99
17) Hexachloroethane	8.79	117	18105	3.740	ng/ul	90
20) Nitrobenzene	8.91	77	51016	3.900	ng/ul	97
21) Isophorone	9.43	82	74386	3.243	ng/ul	97
23) 2-Nitrophenol	9.62	139	21292	3.984	ng/ul	96
24) 2,4-Dimethylphenol	9.68	107	45382	3.606	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.92	93	56912	3.716	ng/ul	99
27) 2,4-Dichlorophenol	10.15	162	38833	3.782	ng/ul	92
28) Naphthalene	10.55	128	147775	3.989	ng/ul	99
30) 4-Chloroaniline	10.65	127	56975	4.438	ng/ul	99
31) Hexachlorobutadiene	10.83	225	25635	3.920	ng/ul	94
32) Caprolactam	11.42	113	7194	2.315	ng/ul	91
33) 4-Chloro-3-methylphenol	11.78	107	33519	3.203	ng/ul	98
34) 2-Methylnaphthalene	12.16	142	96900	3.829	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.38	142	92575	3.795	ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.53	216	49212	3.879	ng/ul	98
38) Hexachlorocyclopentadiene	12.52	237	23526	3.114	ng/ul	97
39) 2,4,6-Trichlorophenol	12.78	196	22564	3.081	ng/ul	98
40) 2,4,5-Trichlorophenol	12.84	196	26968	3.357	ng/ul	93
41) 1,1'-Biphenyl	13.18	154	125080	3.947	ng/ul	98
42) 2-Chloronaphthalene	13.22	162	97926	3.953	ng/ul	99
43) 2-Nitroaniline	13.42	65	18069	2.813	ng/ul	96
45) Dimethylphthalate	13.81	163	115451	3.943	ng/ul	98
46) 2,6-Dinitrotoluene	13.92	165	15340	2.924	ng/ul	94
48) Acenaphthylene	14.07	152	144161	3.973	ng/ul	100
49) 3-Nitroaniline	14.25	138	17280	3.028	ng/ul	98
50) Acenaphthene	14.42	153	102512	3.873	ng/ul	95
51) 2,4-Dinitrophenol	14.46	184	5439	1.969	ng/ul	97
53) 4-Nitrophenol	14.56	109	15964	3.734	ng/ul	99
54) Dibenzofuran	14.75	168	144051	3.948	ng/ul	96
55) 2,4-Dinitrotoluene	14.71	165	24614	3.283	ng/ul	98
56) 2,3,4,6-Tetrachlorophenol	14.97	232	19460	3.138	ng/ul	95
57) Diethylphthalate	15.17	149	105640	3.610	ng/ul	97
59) Fluorene	15.40	166	117464	3.956	ng/ul	100
60) 4-Chlorophenyl-phenylether	15.40	204	54877	3.852	ng/ul	94
61) 4-Nitroaniline	15.41	138	18974	2.903	ng/ul#	93
64) 4,6-Dinitro-2-methylphenol	15.47	198	14417	3.374	ng/ul#	68
65) N-Nitrosodiphenylamine	15.61	169	93603	3.725	ng/ul	99
66) 4-Bromophenyl-phenylether	16.29	248	31226	3.736	ng/ul	94
67) Hexachlorobenzene	16.40	284	37334	3.739	ng/ul	96
68) Atrazine	16.56	200	23098	2.660	ng/ul	98
69) Pentachlorophenol	16.74	266	12554	2.386	ng/ul	90
70) Phenanthrene	17.13	178	178253	3.770	ng/ul	99
72) Anthracene	17.23	178	185973	3.869	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.15	216	49819	3.899	ng/uL	95
74) Pentachlorobenzene	14.67	250	44107	3.664	ng/uL	98
75) Carbazole	17.49	167	150383	3.507	ng/ul	99
76) Di-n-butylphthalate	18.06	149	134927	2.812	ng/ul	99
77) Fluoranthene	19.15	202	186546	3.568	ng/ul	97
80) Pyrene	19.51	202	218544	3.907	ng/ul	100
81) Butylbenzylphthalate	20.42	149	47596	2.472	ng/ul	98
82) 3,3'-Dichlorobenzidine	21.19	252	43109	2.644	ng/ul	96
83) Benzo(a)anthracene	21.25	228	197056	3.685	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.19	149	74611	2.316	ng/ul	100
85) Chrysene	21.30	228	203095	3.902	ng/ul	99
87) Di-n-octyl phthalate	22.07	149	122913	2.221	ng/ul	100
88) Benzo(b)fluoranthene	22.82	252	194775	3.620	ng/ul	99
89) Benzo(k)fluoranthene	22.87	252	198738	3.682	ng/ul	97
91) Benzo(a)pyrene	23.40	252	193160	3.961	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.72	276	226390	3.715	ng/ul	99
93) Dibenzo(a,h)anthracene	25.74	278	184081	3.542	ng/ul	99
94) Benzo(g,h,i)perylene	26.40	276	182377	3.563	ng/ul	95

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

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