Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030421\
Data File : BN013844.D
Acq On : 04 Mar 2021 21:57
Operator : CG/JU
Sample : M1534-10
Misc : SOM-MDL-S-03
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : MDL-SOIL-03

Quant Time: Mar 05 00:20:35 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN030421MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 04 14:09:31 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	157877	20.00	ng/ul	0.00
18) Naphthalene-d8	10.50	136	646302	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.36	164	383556	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.10	188	794154	20.00	ng/ul	0.00
78) Chrysene-d12	21.27	240	801762	20.00	ng/ul	0.00
86) Perylene-d12	23.50	264	817847	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	18494	4.65	ng/uL	0.00
5) Phenol-d5	6.89	99	446524	34.98	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.06	67	295653	37.51	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	360331	36.90	ng/ul	0.00
13) 4-Methylphenol-d8	8.42	113	330562	34.19	ng/ul	0.00
19) Nitrobenzene-d5	8.87	128	161128	37.26	ng/ul	0.00
22) 2-Nitrophenol-d4	9.59	143	156036	37.77	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.12	165	314014	34.79	ng/ul	0.00
29) 4-Chloroaniline-d4	10.64	131	458895	41.06	ng/ul	0.00
44) Dimethylphthalate-d6	13.77	166	954842	37.07	ng/ul	0.00
47) Acenaphthylene-d8	14.05	160	1215144	35.68	ng/ul	0.00
52) 4-Nitrophenol-d4	14.55	143	156209	32.34	ng/ul	0.00
58) Fluorene-d10	15.35	176	854484	37.57	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.46	200	108985	29.52	ng/ul	0.00
71) Anthracene-d10	17.20	188	1289131	37.14	ng/ul	0.00
79) Pyrene-d10	19.49	212	1405845	36.05	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.36	264	1528890	37.55	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.26	88	3658	0.906	ng/uL#	87
4) Benzaldehyde	6.87	77	29875	4.649	ng/ul	96
6) Phenol	6.91	94	48076	3.513	ng/ul	96
8) Bis(2-Chloroethyl)ether	7.15	93	39349	3.677	ng/ul	96
10) 2-Chlorophenol	7.29	128	37831	3.637	ng/ul	100
11) 2-Methylphenol	8.16	108	31145	3.155	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.25	45	59358	3.632	ng/ul	97
14) Acetophenone	8.54	105	56349	3.537	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.52	70	25278	3.197	ng/ul	98
16) 4-Methylphenol	8.48	108	37314	3.484	ng/ul	94
17) Hexachloroethane	8.79	117	15622	3.540	ng/ul	96
20) Nitrobenzene	8.91	77	44875	3.793	ng/ul	96
21) Isophorone	9.43	82	64660	3.117	ng/ul	98
23) 2-Nitrophenol	9.62	139	18265	3.779	ng/ul	97
24) 2,4-Dimethylphenol	9.68	107	38714	3.401	ng/ul	96
25) Bis(2-Chloroethoxy)methane	9.92	93	48152	3.477	ng/ul	98
27) 2,4-Dichlorophenol	10.15	162	33874	3.647	ng/ul	90
28) Naphthalene	10.55	128	124050	3.702	ng/ul	98
30) 4-Chloroaniline	10.66	127	48448	4.173	ng/ul	98
31) Hexachlorobutadiene	10.85	225	21751	3.678	ng/ul	95
32) Caprolactam	11.43	113	5789	2.059	ng/ul	89
33) 4-Chloro-3-methylphenol	11.78	107	27796	2.937	ng/ul	97
34) 2-Methylnaphthalene	12.17	142	82351	3.598	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.39	142	79238	3.592 ng/ul	100
37) 1,2,4,5-Tetrachlorobenzene	12.54	216	41241	3.571 ng/ul	97
38) Hexachlorocyclopentadiene	12.52	237	20217	2.940 ng/ul	97
39) 2,4,6-Trichlorophenol	12.78	196	18858	2.829 ng/ul	92
40) 2,4,5-Trichlorophenol	12.85	196	21557	2.948 ng/ul	96
41) 1,1'-Biphenyl	13.19	154	105181	3.647 ng/ul	99
42) 2-Chloronaphthalene	13.23	162	80961	3.591 ng/ul	99
43) 2-Nitroaniline	13.43	65	15795	2.702 ng/ul	95
45) Dimethylphthalate	13.82	163	98416	3.693 ng/ul	99
46) 2,6-Dinitrotoluene	13.93	165	13215	2.767 ng/ul#	90
48) Acenaphthylene	14.07	152	122860	3.720 ng/ul	100
49) 3-Nitroaniline	14.26	138	14892	2.867 ng/ul#	87
50) Acenaphthene	14.42	153	89997	3.736 ng/ul	98
51) 2,4-Dinitrophenol	14.46	184	4870	1.937 ng/ul	95
53) 4-Nitrophenol	14.56	109	13859	3.561 ng/ul	97
54) Dibenzofuran	14.76	168	125558	3.781 ng/ul	97
55) 2,4-Dinitrotoluene	14.72	165	21346	3.129 ng/ul	100
56) 2,3,4,6-Tetrachlorophenol	14.98	232	16453	2.915 ng/ul	99
57) Diethylphthalate	15.19	149	90689	3.405 ng/ul	99
59) Fluorene	15.40	166	99782	3.692 ng/ul	97
60) 4-Chlorophenyl-phenylether	15.40	204	48738	3.759 ng/ul	98
61) 4-Nitroaniline	15.42	138	16778	2.820 ng/ul	95
64) 4,6-Dinitro-2-methylphenol	15.47	198	11984	3.082 ng/ul#	61
65) N-Nitrosodiphenylamine	15.62	169	82166	3.593 ng/ul	99
66) 4-Bromophenyl-phenylether	16.30	248	26673	3.506 ng/ul	94
67) Hexachlorobenzene	16.40	284	32201	3.544 ng/ul	98
68) Atrazine	16.57	200	20978	2.654 ng/ul	94
69) Pentachlorophenol	16.75	266	10503	2.194 ng/ul	99
70) Phenanthrene	17.14	178	156392	3.635 ng/ul	99
72) Anthracene	17.23	178	160230	3.663 ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.15	216	41843	3.598 ng/uL	97
74) Pentachlorobenzene	14.67	250	38495	3.514 ng/uL	94
75) Carbazole	17.50	167	128246	3.286 ng/ul	99
76) Di-n-butylphthalate	18.07	149	123618	2.831 ng/ul	99
77) Fluoranthene	19.16	202	166196	3.493 ng/ul	97
80) Pyrene	19.52	202	191084	3.701 ng/ul	98
81) Butylbenzylphthalate	20.43	149	41676	2.345 ng/ul	97
82) 3,3'-Dichlorobenzidine	21.20	252	41719	2.773 ng/ul#	89
83) Benzo(a)anthracene	21.26	228	174185	3.530 ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.20	149	79975	2.689 ng/ul	99
85) Chrysene	21.31	228	175615	3.656 ng/ul	100
87) Di-n-octyl phthalate	22.08	149	109185	2.137 ng/ul	100
88) Benzo(b)fluoranthene	22.83	252	168991	3.401 ng/ul	96
89) Benzo(k)fluoranthene	22.88	252	175178	3.514 ng/ul	97
91) Benzo(a)pyrene	23.41	252	160213	3.557 ng/ul	96
92) Indeno(1,2,3-cd)pyrene	25.74	276	193200	3.433 ng/ul	99
93) Dibenzo(a,h)anthracene	25.76	278	157482	3.282 ng/ul	98
94) Benzo(g,h,i)perylene	26.43	276	156019	3.301 ng/ul	98

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

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