Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031121\
Data File : BN013915.D
Acq On : 11 Mar 2021 14:11
Operator : CG/JU
Sample : M1534-13
Misc : SOM-MDL-S-06
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : MDL-SOIL-06

Manual Integrations APPROVED
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3/12/2021 12:03:39 PM

Quant Time: Mar 11 14:40:51 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN030421MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 11 09:36:12 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	187692	20.00	ng/ul	0.00
18) Naphthalene-d8	10.50	136	804010	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.35	164	481136	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.09	188	986362	20.00	ng/ul	0.00
78) Chrysene-d12	21.26	240	973806	20.00	ng/ul	0.00
86) Perylene-d12	23.49	264	995391	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	20106	4.25	ng/uL	0.00
5) Phenol-d5	6.88	99	480366	31.65	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	318140	33.95	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	386117	33.26	ng/ul	0.00
13) 4-Methylphenol-d8	8.41	113	364141	31.68	ng/ul	0.00
19) Nitrobenzene-d5	8.87	128	181872	33.80	ng/ul	0.00
22) 2-Nitrophenol-d4	9.58	143	171923	33.45	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.12	165	340303	30.31	ng/ul	0.00
29) 4-Chloroaniline-d4	10.63	131	499188	35.91	ng/ul	0.00
44) Dimethylphthalate-d6	13.76	166	1028347	31.83	ng/ul	0.00
47) Acenaphthylene-d8	14.04	160	1340738	31.38	ng/ul	0.00
52) 4-Nitrophenol-d4	14.54	143	168035	27.73	ng/ul	0.00
58) Fluorene-d10	15.35	176	906742	31.78	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.46	200	116548	25.42	ng/ul	0.00
71) Anthracene-d10	17.19	188	1352305	31.37	ng/ul	0.00
79) Pyrene-d10	19.48	212	1472363	31.08	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.35	264	1565630	31.59	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.26	88	3699	0.771	ng/uL#	79
4) Benzaldehyde	6.86	77	31616	4.138	ng/ul	97
6) Phenol	6.91	94	50644	3.113	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.15	93	41382	3.252	ng/ul	95
10) 2-Chlorophenol	7.28	128	39358	3.183	ng/ul	96
11) 2-Methylphenol	8.15	108	32750	2.790	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.25	45	61786	3.180	ng/ul	98
14) Acetophenone	8.53	105	59243	3.128	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.52	70	26817	2.853	ng/ul	93
16) 4-Methylphenol	8.48	108	38558	3.028	ng/ul	98
17) Hexachloroethane	8.79	117	15705	2.994	ng/ul	90
20) Nitrobenzene	8.90	77	46022	3.127	ng/ul	98
21) Isophorone	9.43	82	67935	2.632	ng/ul	99
23) 2-Nitrophenol	9.61	139	18851	3.135	ng/ul	99
24) 2,4-Dimethylphenol	9.67	107	41338	2.919	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.92	93	50796	2.948	ng/ul	99
27) 2,4-Dichlorophenol	10.14	162	36164	3.130	ng/ul	87
28) Naphthalene	10.55	128	132760	3.185	ng/ul	98
30) 4-Chloroaniline	10.65	127	52123	3.609	ng/ul	99
31) Hexachlorobutadiene	10.83	225	22366	3.040	ng/ul	96
32) Caprolactam	11.42	113	5919m	1.693	ng/ul	
33) 4-Chloro-3-methylphenol	11.77	107	30131	2.559	ng/ul	95
34) 2-Methylnaphthalene	12.16	142	87766	3.082	ng/ul	96

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.38	142	85977	3.133 ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.53	216	44747	3.089 ng/ul	99
38) Hexachlorocyclopentadiene	12.52	237	22611	2.622 ng/ul	97
39) 2,4,6-Trichlorophenol	12.77	196	19406	2.321 ng/ul	96
40) 2,4,5-Trichlorophenol	12.84	196	23331	2.544 ng/ul	94
41) 1,1'-Biphenyl	13.18	154	112400	3.107 ng/ul	99
42) 2-Chloronaphthalene	13.22	162	86563	3.060 ng/ul	95
43) 2-Nitroaniline	13.42	65	16292	2.222 ng/ul	95
45) Dimethylphthalate	13.80	163	105169	3.146 ng/ul	100
46) 2,6-Dinitrotoluene	13.92	165	14087	2.351 ng/ul	93
48) Acenaphthylene	14.07	152	131947	3.185 ng/ul	99
49) 3-Nitroaniline	14.25	138	15371	2.359 ng/ul	89
50) Acenaphthene	14.41	153	94779	3.136 ng/ul	99
51) 2,4-Dinitrophenol	14.46	184	4902	1.554 ng/ul	94
53) 4-Nitrophenol	14.55	109	13813	2.829 ng/ul#	84
54) Dibenzofuran	14.75	168	130915	3.143 ng/ul	97
55) 2,4-Dinitrotoluene	14.71	165	21885	2.557 ng/ul	98
56) 2,3,4,6-Tetrachlorophenol	14.97	232	17373	2.454 ng/ul	93
57) Diethylphthalate	15.17	149	93708	2.805 ng/ul	98
59) Fluorene	15.40	166	105694	3.118 ng/ul	98
60) 4-Chlorophenyl-phenylether	15.40	204	51135	3.144 ng/ul	94
61) 4-Nitroaniline	15.41	138	16294	2.183 ng/ul	97
64) 4,6-Dinitro-2-methylphenol	15.47	198	12517	2.592 ng/ul#	66
65) N-Nitrosodiphenylamine	15.61	169	85056	2.994 ng/ul	99
66) 4-Bromophenyl-phenylether	16.29	248	28310	2.996 ng/ul	97
67) Hexachlorobenzene	16.40	284	34335	3.042 ng/ul	97
68) Atrazine	16.56	200	21692	2.210 ng/ul	97
69) Pentachlorophenol	16.74	266	10155	1.708 ng/ul	91
70) Phenanthrene	17.13	178	165044	3.088 ng/ul	98
72) Anthracene	17.22	178	168000	3.092 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.14	216	45303	3.136 ng/uL	97
74) Pentachlorobenzene	14.67	250	40190	2.954 ng/uL	97
75) Carbazole	17.49	167	132680	2.737 ng/ul	98
76) Di-n-butylphthalate	18.06	149	122675	2.262 ng/ul	98
77) Fluoranthene	19.15	202	166758	2.822 ng/ul	97
80) Pyrene	19.51	202	193680	3.089 ng/ul	99
81) Butylbenzylphthalate	20.42	149	41970	1.944 ng/ul#	95
82) 3,3'-Dichlorobenzidine	21.19	252	36892	2.019 ng/ul	97
83) Benzo(a)anthracene	21.25	228	173242	2.890 ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.19	149	66452	1.840 ng/ul	97
85) Chrysene	21.30	228	172065	2.949 ng/ul	98
87) Di-n-octyl phthalate	22.06	149	104343	1.678 ng/ul	100
88) Benzo(b)fluoranthene	22.82	252	168379	2.784 ng/ul	97
89) Benzo(k)fluoranthene	22.86	252	174573	2.878 ng/ul	98
91) Benzo(a)pyrene	23.39	252	163584	2.984 ng/ul#	94
92) Indeno(1,2,3-cd)pyrene	25.72	276	190620	2.783 ng/ul	94
93) Dibenzo(a,h)anthracene	25.73	278	160743	2.752 ng/ul	99
94) Benzo(g,h,i)perylene	26.40	276	160965	2.798 ng/ul	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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