Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030921\
Data File : BN013893.D
Acq On : 09 Mar 2021 15:44
Operator : CG/JU
Sample : M1534-18
Misc : SOM-MDL-MES-04
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : MDL-ME-SOIL-04

Quant Time: Mar 09 16:15:50 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	144477	20.00	ng/ul	0.00
18) Naphthalene-d8	10.50	136	609154	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.35	164	358754	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.09	188	737286	20.00	ng/ul	0.00
78) Chrysene-d12	21.27	240	704076	20.00	ng/ul	0.00
86) Perylene-d12	23.49	264	712017	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	17407	4.78	ng/uL	0.00
5) Phenol-d5	6.88	99	429762	36.78	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	287781	39.90	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	346227	38.75	ng/ul	0.00
13) 4-Methylphenol-d8	8.42	113	324717	36.70	ng/ul	0.00
19) Nitrobenzene-d5	8.87	128	158088	38.78	ng/ul	0.00
22) 2-Nitrophenol-d4	9.59	143	154868	39.77	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.12	165	306359	36.02	ng/ul	0.00
29) 4-Chloroaniline-d4	10.63	131	444068	42.16	ng/ul	0.00
44) Dimethylphthalate-d6	13.76	166	905250	37.58	ng/ul	0.00
47) Acenaphthylene-d8	14.05	160	1217642	38.22	ng/ul	0.00
52) 4-Nitrophenol-d4	14.54	143	145686	32.24	ng/ul	0.00
58) Fluorene-d10	15.35	176	824008	38.74	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.46	200	102092	29.79	ng/ul	0.00
71) Anthracene-d10	17.19	188	1197713	37.17	ng/ul	0.00
79) Pyrene-d10	19.48	212	1329632	38.83	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.35	264	1387055	39.13	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.25	88	3454	0.935	ng/uL#	85
4) Benzaldehyde	6.86	77	31039	5.278	ng/ul	96
6) Phenol	6.91	94	49706	3.969	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.15	93	41480	4.235	ng/ul	96
10) 2-Chlorophenol	7.28	128	39633	4.164	ng/ul	98
11) 2-Methylphenol	8.15	108	32648	3.614	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.25	45	61105	4.086	ng/ul#	96
14) Acetophenone	8.53	105	58962	4.044	ng/ul	100
15) N-Nitroso-di-n-propylamine	8.52	70	27362	3.782	ng/ul#	94
16) 4-Methylphenol	8.48	108	39371	4.016	ng/ul	97
17) Hexachloroethane	8.79	117	16032	3.970	ng/ul	96
20) Nitrobenzene	8.91	77	46348	4.157	ng/ul	99
21) Isophorone	9.43	82	67806	3.468	ng/ul	99
23) 2-Nitrophenol	9.62	139	19163	4.207	ng/ul	92
24) 2,4-Dimethylphenol	9.68	107	41903	3.906	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.92	93	50405	3.861	ng/ul	99
27) 2,4-Dichlorophenol	10.15	162	35777	4.087	ng/ul	94
28) Naphthalene	10.55	128	131902	4.177	ng/ul	99
30) 4-Chloroaniline	10.66	127	51243	4.683	ng/ul	98
31) Hexachlorobutadiene	10.84	225	23202	4.162	ng/ul	98
32) Caprolactam	11.42	113	6180	2.333	ng/ul	97
33) 4-Chloro-3-methylphenol	11.78	107	29656	3.324	ng/ul	98
34) 2-Methylnaphthalene	12.16	142	87700	4.065	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.38	142	84578	4.067	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.53	216	44067	4.080	ng/ul#	92
38) Hexachlorocyclopentadiene	12.52	237	21344	3.319	ng/ul	99
39) 2,4,6-Trichlorophenol	12.78	196	19318	3.099	ng/ul	97
40) 2,4,5-Trichlorophenol	12.84	196	23509	3.437	ng/ul	99
41) 1,1'-Biphenyl	13.18	154	111727	4.142	ng/ul	99
42) 2-Chloronaphthalene	13.22	162	89643	4.250	ng/ul	98
43) 2-Nitroaniline	13.42	65	15954	2.918	ng/ul	95
45) Dimethylphthalate	13.81	163	102367	4.107	ng/ul	99
46) 2,6-Dinitrotoluene	13.92	165	13527	3.028	ng/ul#	87
48) Acenaphthylene	14.07	152	131064	4.243	ng/ul	99
49) 3-Nitroaniline	14.25	138	15536	3.198	ng/ul	94
50) Acenaphthene	14.42	153	93273	4.139	ng/ul	96
51) 2,4-Dinitrophenol	14.46	184	4782	2.034	ng/ul	96
53) 4-Nitrophenol	14.56	109	13697	3.763	ng/ul	94
54) Dibenzofuran	14.75	168	130536	4.202	ng/ul	98
55) 2,4-Dinitrotoluene	14.71	165	21556	3.378	ng/ul	100
56) 2,3,4,6-Tetrachlorophenol	14.97	232	17554	3.325	ng/ul#	96
57) Diethylphthalate	15.17	149	91373	3.668	ng/ul	98
59) Fluorene	15.40	166	106333	4.207	ng/ul	100
60) 4-Chlorophenyl-phenylether	15.40	204	51032	4.208	ng/ul	92
61) 4-Nitroaniline	15.41	138	16761	3.012	ng/ul	94
64) 4,6-Dinitro-2-methylphenol	15.47	198	12710	3.521	ng/ul#	72
65) N-Nitrosodiphenylamine	15.61	169	83465	3.931	ng/ul	99
66) 4-Bromophenyl-phenylether	16.29	248	28121	3.982	ng/ul	97
67) Hexachlorobenzene	16.40	284	32597	3.864	ng/ul#	90
68) Atrazine	16.56	200	20723	2.824	ng/ul	97
69) Pentachlorophenol	16.74	266	9481	2.133	ng/ul	97
70) Phenanthrene	17.13	178	165716	4.148	ng/ul	98
72) Anthracene	17.23	178	170623	4.202	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.15	216	44249	4.098	ng/uL	96
74) Pentachlorobenzene	14.67	250	40143	3.947	ng/uL	92
75) Carbazole	17.49	167	131186	3.621	ng/ul	99
76) Di-n-butylphthalate	18.06	149	120761	2.979	ng/ul	99
77) Fluoranthene	19.15	202	165892	3.756	ng/ul	98
80) Pyrene	19.51	202	192165	4.239	ng/ul	98
81) Butylbenzylphthalate	20.42	149	40718	2.609	ng/ul	98
82) 3,3'-Dichlorobenzidine	21.19	252	36117	2.733	ng/ul	97
83) Benzo(a)anthracene	21.25	228	168313	3.884	ng/ul	96
84) Bis(2-ethylhexyl)phthalate	21.19	149	63831	2.444	ng/ul	96
85) Chrysene	21.30	228	176960	4.195	ng/ul	98
87) Di-n-octyl phthalate	22.07	149	98514	2.214	ng/ul	100
88) Benzo(b)fluoranthene	22.82	252	169191	3.911	ng/ul	98
89) Benzo(k)fluoranthene	22.87	252	165741	3.819	ng/ul	99
91) Benzo(a)pyrene	23.39	252	161101	4.109	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.73	276	183795	3.751	ng/ul	95
93) Dibenzo(a,h)anthracene	25.74	278	159164	3.810	ng/ul	98
94) Benzo(g,h,i)perylene	26.41	276	157033	3.816	ng/ul	99

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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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