Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031121\
Data File : BN013916.D
Acq On : 11 Mar 2021 14:47
Operator : CG/JU
Sample : M1534-14
Misc : SOM-MDL-S-07
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : MDL-SOIL-07

Quant Time: Mar 11 15:16:56 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	172474	20.00	ng/ul	0.00
18) Naphthalene-d8	10.50	136	719317	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.35	164	425422	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.09	188	860843	20.00	ng/ul	0.00
78) Chrysene-d12	21.26	240	856813	20.00	ng/ul	0.00
86) Perylene-d12	23.49	264	857874	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	18063	4.16	ng/uL	0.00
5) Phenol-d5	6.88	99	439680	31.52	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	289642	33.64	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	351720	32.97	ng/ul	0.00
13) 4-Methylphenol-d8	8.41	113	330415	31.28	ng/ul	0.00
19) Nitrobenzene-d5	8.86	128	162956	33.85	ng/ul	0.00
22) 2-Nitrophenol-d4	9.58	143	158165	34.40	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.12	165	314262	31.29	ng/ul	0.00
29) 4-Chloroaniline-d4	10.63	131	451686	36.32	ng/ul	0.00
44) Dimethylphthalate-d6	13.76	166	941525	32.96	ng/ul	0.00
47) Acenaphthylene-d8	14.04	160	1210844	32.05	ng/ul	0.00
52) 4-Nitrophenol-d4	14.54	143	151640	28.30	ng/ul	0.00
58) Fluorene-d10	15.35	176	843128	33.43	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.46	200	105366	26.33	ng/ul	0.00
71) Anthracene-d10	17.19	188	1261708	33.54	ng/ul	0.00
79) Pyrene-d10	19.48	212	1328119	31.87	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.34	264	1446047	33.86	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.25	88	4254	0.965	ng/uL#	83
4) Benzaldehyde	6.86	77	31822	4.533	ng/ul	94
6) Phenol	6.91	94	53259	3.563	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.15	93	42666	3.649	ng/ul	98
10) 2-Chlorophenol	7.28	128	41900	3.687	ng/ul	96
11) 2-Methylphenol	8.15	108	34802	3.227	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.25	45	64119	3.591	ng/ul	99
14) Acetophenone	8.53	105	60964	3.503	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.52	70	28516	3.302	ng/ul	97
16) 4-Methylphenol	8.48	108	41053	3.508	ng/ul	94
17) Hexachloroethane	8.79	117	16628	3.450	ng/ul	94
20) Nitrobenzene	8.90	77	47004	3.570	ng/ul	99
21) Isophorone	9.43	82	70751	3.064	ng/ul	99
23) 2-Nitrophenol	9.61	139	19708	3.664	ng/ul	99
24) 2,4-Dimethylphenol	9.68	107	43591	3.441	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.92	93	52289	3.392	ng/ul	99
27) 2,4-Dichlorophenol	10.14	162	36857	3.566	ng/ul	92
28) Naphthalene	10.55	128	136158	3.651	ng/ul	99
30) 4-Chloroaniline	10.65	127	53021	4.103	ng/ul	95
31) Hexachlorobutadiene	10.83	225	23083	3.507	ng/ul	93
32) Caprolactam	11.42	113	6499	2.077	ng/ul#	80
33) 4-Chloro-3-methylphenol	11.78	107	31197	2.961	ng/ul	95
34) 2-Methylnaphthalene	12.16	142	90344	3.546	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.38	142	88478	3.603 ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.53	216	46113	3.600 ng/ul	97
38) Hexachlorocyclopentadiene	12.51	237	22029	2.889 ng/ul	94
39) 2,4,6-Trichlorophenol	12.77	196	20751	2.807 ng/ul	94
40) 2,4,5-Trichlorophenol	12.84	196	24007	2.960 ng/ul	92
41) 1,1'-Biphenyl	13.18	154	115314	3.605 ng/ul	98
42) 2-Chloronaphthalene	13.22	162	90268	3.609 ng/ul	100
43) 2-Nitroaniline	13.42	65	17488	2.697 ng/ul	97
45) Dimethylphthalate	13.80	163	107676	3.643 ng/ul	99
46) 2,6-Dinitrotoluene	13.92	165	14742	2.783 ng/ul	95
48) Acenaphthylene	14.07	152	135586	3.702 ng/ul	97
49) 3-Nitroaniline	14.25	138	16378	2.843 ng/ul	97
50) Acenaphthene	14.42	153	96387	3.607 ng/ul	98
51) 2,4-Dinitrophenol	14.45	184	5052	1.812 ng/ul	95
53) 4-Nitrophenol	14.55	109	14444	3.346 ng/ul	85
54) Dibenzofuran	14.75	168	136111	3.695 ng/ul	99
55) 2,4-Dinitrotoluene	14.71	165	22880	3.023 ng/ul#	98
56) 2,3,4,6-Tetrachlorophenol	14.97	232	18018	2.878 ng/ul	98
57) Diethylphthalate	15.17	149	99071	3.354 ng/ul	98
59) Fluorene	15.40	166	108154	3.608 ng/ul	98
60) 4-Chlorophenyl-phenylether	15.40	204	54556	3.794 ng/ul	99
61) 4-Nitroaniline	15.41	138	17959	2.722 ng/ul	98
64) 4,6-Dinitro-2-methylphenol	15.47	198	13803	3.275 ng/ul#	78
65) N-Nitrosodiphenylamine	15.61	169	87793	3.541 ng/ul	97
66) 4-Bromophenyl-phenylether	16.29	248	29107	3.530 ng/ul	98
67) Hexachlorobenzene	16.40	284	34427	3.495 ng/ul	96
68) Atrazine	16.56	200	22237	2.596 ng/ul#	90
69) Pentachlorophenol	16.74	266	10716	2.065 ng/ul	93
70) Phenanthrene	17.13	178	171053	3.667 ng/ul	97
72) Anthracene	17.22	178	172412	3.636 ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.15	216	46373	3.679 ng/uL	96
74) Pentachlorobenzene	14.67	250	40834	3.439 ng/uL	98
75) Carbazole	17.49	167	138957	3.285 ng/ul	99
76) Di-n-butylphthalate	18.06	149	130469	2.756 ng/ul	99
77) Fluoranthene	19.15	202	173184	3.358 ng/ul	97
80) Pyrene	19.51	202	204051	3.699 ng/ul	100
81) Butylbenzylphthalate	20.42	149	43582	2.295 ng/ul#	96
82) 3,3'-Dichlorobenzidine	21.19	252	37617	2.339 ng/ul	92
83) Benzo(a)anthracene	21.25	228	181513	3.442 ng/ul	95
84) Bis(2-ethylhexyl)phthalate	21.19	149	69895	2.199 ng/ul	99
85) Chrysene	21.30	228	185826	3.620 ng/ul	97
87) Di-n-octyl phthalate	22.06	149	109487	2.043 ng/ul	100
88) Benzo(b)fluoranthene	22.82	252	176010	3.377 ng/ul	96
89) Benzo(k)fluoranthene	22.86	252	179744	3.438 ng/ul	99
91) Benzo(a)pyrene	23.39	252	166072	3.515 ng/ul	95
92) Indeno(1,2,3-cd)pyrene	25.72	276	195993	3.320 ng/ul	97
93) Dibenzo(a,h)anthracene	25.73	278	164023	3.259 ng/ul	99
94) Benzo(g,h,i)perylene	26.40	276	163667	3.301 ng/ul	97

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

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