Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030421\
Data File : BN013842.D
Acq On : 04 Mar 2021 20:45
Operator : CG/JU
Sample : M1534-08
Misc : SOM-MDL-S-01
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : MDL-SOIL-01

Quant Time: Mar 05 00:20:12 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	155889	20.00	ng/ul	0.00
18) Naphthalene-d8	10.50	136	653658	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.36	164	390370	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.10	188	809179	20.00	ng/ul	0.00
78) Chrysene-d12	21.27	240	781634	20.00	ng/ul	0.00
86) Perylene-d12	23.51	264	814691	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	17661	4.50	ng/uL	0.00
5) Phenol-d5	6.89	99	414238	32.86	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.06	67	278632	35.80	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	334589	34.70	ng/ul	0.00
13) 4-Methylphenol-d8	8.42	113	312495	32.73	ng/ul	0.00
19) Nitrobenzene-d5	8.87	128	151941	34.74	ng/ul	0.00
22) 2-Nitrophenol-d4	9.59	143	146301	35.01	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.12	165	295984	32.43	ng/ul	0.00
29) 4-Chloroaniline-d4	10.63	131	430687	38.11	ng/ul	0.00
44) Dimethylphthalate-d6	13.77	166	895278	34.15	ng/ul	0.00
47) Acenaphthylene-d8	14.05	160	1155363	33.33	ng/ul	0.00
52) 4-Nitrophenol-d4	14.55	143	148033	30.11	ng/ul	0.00
58) Fluorene-d10	15.35	176	807786	34.90	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.46	200	103048	27.40	ng/ul	0.00
71) Anthracene-d10	17.20	188	1222172	34.56	ng/ul	0.00
79) Pyrene-d10	19.49	212	1319830	34.71	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.37	264	1422455	35.07	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.25	88	3839	0.963	ng/uL#	91
4) Benzaldehyde	6.86	77	33098	5.216	ng/ul	99
6) Phenol	6.91	94	52921	3.917	ng/ul	96
8) Bis(2-Chloroethyl)ether	7.15	93	42963	4.066	ng/ul	96
10) 2-Chlorophenol	7.29	128	40592	3.952	ng/ul	97
11) 2-Methylphenol	8.16	108	33329	3.419	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.25	45	64818	4.017	ng/ul	97
14) Acetophenone	8.53	105	61528	3.911	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.52	70	29047	3.721	ng/ul	95
16) 4-Methylphenol	8.48	108	40345	3.815	ng/ul	100
17) Hexachloroethane	8.80	117	16927	3.885	ng/ul	96
20) Nitrobenzene	8.91	77	47699	3.986	ng/ul	97
21) Isophorone	9.43	82	70942	3.381	ng/ul	100
23) 2-Nitrophenol	9.62	139	19188	3.925	ng/ul	99
24) 2,4-Dimethylphenol	9.68	107	42888	3.725	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.92	93	53232	3.800	ng/ul	99
27) 2,4-Dichlorophenol	10.15	162	36373	3.872	ng/ul	88
28) Naphthalene	10.55	128	135955	4.012	ng/ul	99
30) 4-Chloroaniline	10.66	127	53418	4.549	ng/ul	100
31) Hexachlorobutadiene	10.84	225	23577	3.942	ng/ul	98
32) Caprolactam	11.43	113	6984	2.457	ng/ul	95
33) 4-Chloro-3-methylphenol	11.78	107	31275	3.267	ng/ul	99
34) 2-Methylnaphthalene	12.17	142	90332	3.902	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.39	142	87855	3.937 ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.54	216	45444	3.867 ng/ul	96
38) Hexachlorocyclopentadiene	12.52	237	23459	3.352 ng/ul	98
39) 2,4,6-Trichlorophenol	12.78	196	21174	3.121 ng/ul	95
40) 2,4,5-Trichlorophenol	12.85	196	24185	3.250 ng/ul	96
41) 1,1'-Biphenyl	13.19	154	116543	3.970 ng/ul	99
42) 2-Chloronaphthalene	13.23	162	90327	3.936 ng/ul	99
43) 2-Nitroaniline	13.43	65	17090	2.872 ng/ul	94
45) Dimethylphthalate	13.82	163	108731	4.009 ng/ul	98
46) 2,6-Dinitrotoluene	13.93	165	14971	3.080 ng/ul	93
48) Acenaphthylene	14.07	152	134860	4.012 ng/ul	99
49) 3-Nitroaniline	14.26	138	16484	3.118 ng/ul	97
50) Acenaphthene	14.42	153	96347	3.929 ng/ul	97
51) 2,4-Dinitrophenol	14.46	184	5424	2.120 ng/ul	94
53) 4-Nitrophenol	14.56	109	15112	3.815 ng/ul#	85
54) Dibenzofuran	14.76	168	136240	4.031 ng/ul	97
55) 2,4-Dinitrotoluene	14.72	165	22956	3.306 ng/ul	97
56) 2,3,4,6-Tetrachlorophenol	14.98	232	18033	3.139 ng/ul#	93
57) Diethylphthalate	15.19	149	100101	3.693 ng/ul	97
59) Fluorene	15.40	166	111994	4.072 ng/ul	97
60) 4-Chlorophenyl-phenylether	15.40	204	52727	3.996 ng/ul	94
61) 4-Nitroaniline	15.42	138	18384	3.036 ng/ul#	89
64) 4,6-Dinitro-2-methylphenol	15.47	198	13480	3.402 ng/ul#	68
65) N-Nitrosodiphenylamine	15.62	169	88191	3.784 ng/ul	97
66) 4-Bromophenyl-phenylether	16.30	248	29117	3.757 ng/ul	97
67) Hexachlorobenzene	16.40	284	34227	3.697 ng/ul	94
68) Atrazine	16.57	200	23043	2.862 ng/ul#	89
69) Pentachlorophenol	16.75	266	11597	2.377 ng/ul	92
70) Phenanthrene	17.14	178	174045	3.970 ng/ul	97
72) Anthracene	17.23	178	179308	4.023 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.15	216	45189	3.814 ng/uL	98
74) Pentachlorobenzene	14.67	250	42167	3.777 ng/uL	98
75) Carbazole	17.50	167	144859	3.643 ng/ul	98
76) Di-n-butylphthalate	18.07	149	132597	2.980 ng/ul	99
77) Fluoranthene	19.16	202	181291	3.740 ng/ul	98
80) Pyrene	19.52	202	207423	4.121 ng/ul	98
81) Butylbenzylphthalate	20.43	149	44904	2.592 ng/ul	98
82) 3,3'-Dichlorobenzidine	21.20	252	47538	3.241 ng/ul	98
83) Benzo(a)anthracene	21.26	228	187070	3.888 ng/ul	97
84) Bis(2-ethylhexyl)phthalate	21.20	149	90117	3.108 ng/ul	98
85) Chrysene	21.31	228	189717	4.051 ng/ul	98
87) Di-n-octyl phthalate	22.08	149	120088	2.359 ng/ul	100
88) Benzo(b)fluoranthene	22.84	252	180387	3.645 ng/ul	94
89) Benzo(k)fluoranthene	22.88	252	193366	3.894 ng/ul	98
91) Benzo(a)pyrene	23.41	252	175005	3.901 ng/ul	96
92) Indeno(1,2,3-cd)pyrene	25.75	276	202453	3.611 ng/ul#	92
93) Dibenzo(a,h)anthracene	25.76	278	172655	3.612 ng/ul	99
94) Benzo(g,h,i)perylene	26.43	276	168809	3.585 ng/ul	99

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

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