Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN011121\
Data File : BN013382.D
Acq On : 11 Jan 2021 13:47
Operator : CG/JU
Sample : L4485-18
Misc : MDL-ME-S-04
ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: Jan 11 14:17:45 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN010521.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jan 08 12:05:50 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	346671	20.00	ng/ul	0.00
20) Naphthalene-d8	10.36	136	1415565	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.22	164	837940	20.00	ng/ul	0.00
64) Phenanthrene-d10	16.97	188	1669323	20.00	ng/ul	0.00
79) Chrysene-d12	21.16	240	1682452	20.00	ng/ul	-0.01
88) Perylene-d12	23.34	264	1674440	20.00	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.20	96	41637	4.58	ng/uL	0.00
4) Pyridine-d5	3.59	84	527865	23.25	ng/ul	0.00
7) Phenol-d5	6.78	99	913344	31.37	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	6.95	67	555767	34.28	ng/ul	0.00
11) 2-Chlorophenol-d4	7.13	132	797555	31.45	ng/ul	0.00
15) 4-Methylphenol-d8	8.30	113	753791	32.05	ng/ul	0.00
21) Nitrobenzene-d5	8.74	128	364894	32.36	ng/ul	0.00
24) 2-Nitrophenol-d4	9.45	143	375403	32.30	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.98	165	707156	30.80	ng/ul	0.00
31) 4-Chloroaniline-d4	10.49	131	1055212	33.59	ng/ul	0.00
46) Dimethylphthalate-d6	13.65	166	2126113	32.81	ng/ul	0.00
49) Acenaphthylene-d8	13.92	160	2789197	34.89	ng/ul	0.00
54) 4-Nitrophenol-d4	14.42	143	346872	29.30	ng/ul	0.00
60) Fluorene-d10	15.22	176	1836332	32.75	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.33	200	245932	29.93	ng/ul	0.00
73) Anthracene-d10	17.07	188	2767653	34.13	ng/ul	0.00
81) Pyrene-d10	19.37	212	2928574	32.32	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.20	264	2916994	33.36	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.23	88	6552	0.725	ng/uL	99
5) Pyridine	3.60	79	73307	3.208	ng/ul#	56
6) Benzaldehyde	6.75	77	55679	5.094	ng/ul	96
8) Phenol	6.80	94	86209	2.927	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.03	93	75372	3.230	ng/ul	99
12) 2-Chlorophenol	7.17	128	73588	2.848	ng/ul	96
13) 2-Methylphenol	8.03	108	56516	2.491	ng/ul	99
14) 2,2'-oxybis(1-Chloropropan	8.13	45	102813	3.144	ng/ul	100
16) Acetophenone	8.41	105	101333	2.936	ng/ul	99
17) N-Nitroso-di-n-propylamine	8.40	70	41576	2.428	ng/ul	99
18) 4-Methylphenol	8.36	108	68714	2.821	ng/ul	96
19) Hexachloroethane	8.66	117	28825	2.843	ng/ul	88
22) Nitrobenzene	8.78	77	79043	3.128	ng/ul	93
23) Isophorone	9.30	82	107682	2.253	ng/ul	99
25) 2-Nitrophenol	9.48	139	38125	2.946	ng/ul	93
26) 2,4-Dimethylphenol	9.55	107	72578	2.778	ng/ul	95
27) Bis(2-Chloroethoxy)methane	9.79	93	89656	2.900	ng/ul	97
29) 2,4-Dichlorophenol	10.01	162	67981	3.007	ng/ul	92
30) Naphthalene	10.41	128	250713	3.157	ng/ul	98
32) 4-Chloroaniline	10.52	127	97197	3.250	ng/ul	99
33) Hexachlorobutadiene	10.70	225	44102	3.121	ng/ul	93
34) Caprolactam	11.30	113	11374	1.632	ng/ul#	84

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 4-Chloro-3-methylphenol	11.65	107	54305	2.243 ng/ul	91
36) 2-Methylnaphthalene	12.03	142	169046	3.095 ng/ul	98
37) 1-Methylnaphthalene	12.25	142	159081	3.022 ng/ul	95
39) 1,2,4,5-Tetrachlorobenzene	12.40	216	81006	3.212 ng/ul	99
40) Hexachlorocyclopentadiene	12.39	237	41455	3.155 ng/ul	96
41) 2,4,6-Trichlorophenol	12.65	196	36432	2.191 ng/ul	97
42) 2,4,5-Trichlorophenol	12.71	196	40760	2.303 ng/ul	96
43) 1,1'-Biphenyl	13.06	154	219591	3.253 ng/ul	98
44) 2-Chloronaphthalene	13.09	162	167365	3.149 ng/ul	98
45) 2-Nitroaniline	13.29	65	25804	1.905 ng/ul	95
47) Dimethylphthalate	13.69	163	197567	2.971 ng/ul	100
48) 2,6-Dinitrotoluene	13.80	165	26536	2.104 ng/ul	94
50) Acenaphthylene	13.94	152	256008	3.168 ng/ul	98
51) 3-Nitroaniline	14.12	138	27643	2.376 ng/ul	99
52) Acenaphthene	14.29	153	183783	3.223 ng/ul	96
53) 2,4-Dinitrophenol	14.33	184	8737	1.546 ng/ul	96
55) 4-Nitrophenol	14.43	109	25501	2.861 ng/ul#	84
56) Dibenzofuran	14.62	168	248641	3.185 ng/ul	93
57) 2,4-Dinitrotoluene	14.59	165	40975	2.280 ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	14.85	232	31751	2.125 ng/ul#	93
59) Diethylphthalate	15.06	149	170174	2.517 ng/ul	99
61) Fluorene	15.27	166	203102	3.211 ng/ul	100
62) 4-Chlorophenyl-phenylether	15.28	204	99425	3.261 ng/ul	98
63) 4-Nitroaniline	15.29	138	29329	2.684 ng/ul	96
66) 4,6-Dinitro-2-methylphenol	15.35	198	27018	2.955 ng/ul#	83
67) N-Nitrosodiphenylamine	15.49	169	152222	2.894 ng/ul	97
68) 4-Bromophenyl-phenylether	16.17	248	53544	2.914 ng/ul	96
69) Hexachlorobenzene	16.27	284	64857	3.114 ng/ul	96
70) Atrazine	16.45	200	40988	2.281 ng/ul	95
71) Pentachlorophenol	16.62	266	20019	1.723 ng/ul	97
72) Phenanthrene	17.01	178	320282	3.307 ng/ul	97
74) Anthracene	17.10	178	324692	3.285 ng/ul	99
75) 1,2,3,4-Tetrachlorobenzene	13.01	216	82140	3.395 ng/uL	96
76) Pentachlorobenzene	14.55	250	79522	3.294 ng/uL	97
77) Carbazole	17.37	167	241499	3.010 ng/ul	98
78) Di-n-butylphthalate	17.96	149	225343	2.061 ng/ul	100
80) Fluoranthene	19.03	202	328012	2.829 ng/ul	98
82) Pyrene	19.39	202	387611	3.261 ng/ul	98
83) Butylbenzylphthalate	20.32	149	78578	1.538 ng/ul	97
84) 3,3'-Dichlorobenzidine	21.09	252	64954	2.041 ng/ul	96
85) Benzo(a)anthracene	21.15	228	338384	3.047 ng/ul	99
86) Bis(2-ethylhexyl)phthalate	21.11	149	122257	1.616 ng/ul	99
87) Chrysene	21.20	228	346070	3.182 ng/ul	99
89) Di-n-octyl phthalate	21.97	149	196589	1.887 ng/ul	100
90) Benzo(b)fluoranthene	22.69	252	341376	3.197 ng/ul	99
91) Benzo(k)fluoranthene	22.73	252	334381	3.288 ng/ul	99
93) Benzo(a)pyrene	23.24	252	321667	3.323 ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.50	276	389942	3.216 ng/ul	99
95) Dibenzo(a,h)anthracene	25.51	278	321776	3.167 ng/ul	97
96) Benzo(g,h,i)perylene	26.16	276	316344	3.079 ng/ul	98

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

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