Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN011221\
Data File : BN013395.D
Acq On : 12 Jan 2021 14:54
Operator : CG/JU
Sample : L4485-21
Misc : MDL-ME-S-21
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : MDL-ME-SOIL-07

Quant Time: Jan 12 15:23:09 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN010521.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jan 12 09:49:34 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	382877	20.00	ng/ul	0.00
20) Naphthalene-d8	10.36	136	1578721	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.22	164	933901	20.00	ng/ul	0.00
64) Phenanthrene-d10	16.97	188	1860029	20.00	ng/ul	0.00
79) Chrysene-d12	21.16	240	1898395	20.00	ng/ul	0.00
88) Perylene-d12	23.33	264	1876223	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.20	96	44110	4.39	ng/uL	0.00
4) Pyridine-d5	3.58	84	608408	24.26	ng/ul	0.00
7) Phenol-d5	6.78	99	1071060	33.31	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	6.94	67	648210	36.20	ng/ul	0.00
11) 2-Chlorophenol-d4	7.13	132	934857	33.38	ng/ul	0.00
15) 4-Methylphenol-d8	8.29	113	896276	34.51	ng/ul	0.00
21) Nitrobenzene-d5	8.73	128	432370	34.38	ng/ul	0.00
24) 2-Nitrophenol-d4	9.45	143	440534	33.98	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.98	165	839992	32.80	ng/ul	0.00
31) 4-Chloroaniline-d4	10.49	131	1230477	35.12	ng/ul	0.00
46) Dimethylphthalate-d6	13.64	166	2483377	34.39	ng/ul	0.00
49) Acenaphthylene-d8	13.91	160	3267848	36.67	ng/ul	0.00
54) 4-Nitrophenol-d4	14.42	143	412258	31.25	ng/ul	0.00
60) Fluorene-d10	15.22	176	2152932	34.46	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.33	200	299890	32.76	ng/ul	0.00
73) Anthracene-d10	17.07	188	3243909	35.91	ng/ul	0.00
81) Pyrene-d10	19.36	212	3465903	33.90	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.20	264	3491584	35.64	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.23	88	7378	0.739	ng/uL	88
5) Pyridine	3.60	79	82374	3.264	ng/ul#	69
6) Benzaldehyde	6.75	77	62596	5.185	ng/ul	96
8) Phenol	6.80	94	99755	3.067	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.03	93	85241	3.307	ng/ul	94
12) 2-Chlorophenol	7.16	128	85209	2.986	ng/ul	97
13) 2-Methylphenol	8.03	108	66248	2.644	ng/ul	96
14) 2,2'-oxybis(1-Chloropropan	8.13	45	114877	3.181	ng/ul	99
16) Acetophenone	8.40	105	115200	3.022	ng/ul	96
17) N-Nitroso-di-n-propylamine	8.40	70	49023	2.592	ng/ul	99
18) 4-Methylphenol	8.36	108	79591	2.959	ng/ul	97
19) Hexachloroethane	8.66	117	34636	3.093	ng/ul	93
22) Nitrobenzene	8.78	77	87700	3.112	ng/ul	98
23) Isophorone	9.30	82	125093	2.347	ng/ul	98
25) 2-Nitrophenol	9.48	139	43970	3.047	ng/ul	97
26) 2,4-Dimethylphenol	9.55	107	83410	2.862	ng/ul	99
27) Bis(2-Chloroethoxy)methane	9.79	93	102040	2.960	ng/ul	99
29) 2,4-Dichlorophenol	10.00	162	76883	3.049	ng/ul	92
30) Naphthalene	10.40	128	288334	3.255	ng/ul	99
32) 4-Chloroaniline	10.52	127	110946	3.326	ng/ul	96
33) Hexachlorobutadiene	10.70	225	50208	3.186	ng/ul	98
34) Caprolactam	11.30	113	14070	1.810	ng/ul	84

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 4-Chloro-3-methylphenol	11.64	107	61720	2.286 ng/ul	95
36) 2-Methylnaphthalene	12.02	142	192556	3.161 ng/ul	98
37) 1-Methylnaphthalene	12.25	142	184099	3.136 ng/ul	100
39) 1,2,4,5-Tetrachlorobenzene	12.40	216	93885	3.340 ng/ul	98
40) Hexachlorocyclopentadiene	12.38	237	46286	3.161 ng/ul	93
41) 2,4,6-Trichlorophenol	12.64	196	42131	2.273 ng/ul	95
42) 2,4,5-Trichlorophenol	12.71	196	49806	2.525 ng/ul	98
43) 1,1'-Biphenyl	13.05	154	246766	3.280 ng/ul	99
44) 2-Chloronaphthalene	13.09	162	192701	3.253 ng/ul	99
45) 2-Nitroaniline	13.29	65	29941	1.983 ng/ul	95
47) Dimethylphthalate	13.69	163	226725	3.059 ng/ul	98
48) 2,6-Dinitrotoluene	13.80	165	31290	2.226 ng/ul	99
50) Acenaphthylene	13.94	152	289631	3.216 ng/ul	99
51) 3-Nitroaniline	14.12	138	33230	2.563 ng/ul	95
52) Acenaphthene	14.29	153	205799	3.238 ng/ul	97
53) 2,4-Dinitrophenol	14.33	184	10133	1.609 ng/ul	98
55) 4-Nitrophenol	14.43	109	29457	2.965 ng/ul	91
56) Dibenzofuran	14.62	168	285003	3.276 ng/ul	96
57) 2,4-Dinitrotoluene	14.59	165	49658	2.480 ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	14.85	232	38120	2.289 ng/ul#	99
59) Diethylphthalate	15.06	149	201278	2.672 ng/ul	99
61) Fluorene	15.27	166	231308	3.282 ng/ul	99
62) 4-Chlorophenyl-phenylether	15.27	204	115071	3.387 ng/ul	95
63) 4-Nitroaniline	15.29	138	34431	2.828 ng/ul	98
66) 4,6-Dinitro-2-methylphenol	15.35	198	32735	3.213 ng/ul#	65
67) N-Nitrosodiphenylamine	15.49	169	179858	3.069 ng/ul	99
68) 4-Bromophenyl-phenylether	16.17	248	62554	3.056 ng/ul	96
69) Hexachlorobenzene	16.27	284	76279	3.287 ng/ul	96
70) Atrazine	16.45	200	46808	2.338 ng/ul	96
71) Pentachlorophenol	16.62	266	23333	1.803 ng/ul	95
72) Phenanthrene	17.01	178	366966	3.400 ng/ul	99
74) Anthracene	17.10	178	368190	3.343 ng/ul	99
75) 1,2,3,4-Tetrachlorobenzene	13.01	216	91861	3.407 ng/uL	99
76) Pentachlorobenzene	14.54	250	91201	3.390 ng/uL	96
77) Carbazole	17.37	167	281225	3.146 ng/ul	98
78) Di-n-butylphthalate	17.96	149	264429	2.170 ng/ul	99
80) Fluoranthene	19.03	202	371293	2.838 ng/ul	97
82) Pyrene	19.39	202	431749	3.219 ng/ul	99
83) Butylbenzylphthalate	20.32	149	91699	1.591 ng/ul	93
84) 3,3'-Dichlorobenzidine	21.09	252	78334	2.182 ng/ul	99
85) Benzo(a)anthracene	21.15	228	383766	3.063 ng/ul	98
86) Bis(2-ethylhexyl)phthalate	21.10	149	148547	1.740 ng/ul	97
87) Chrysene	21.20	228	391965	3.194 ng/ul	98
89) Di-n-octyl phthalate	21.97	149	230080	1.971 ng/ul	100
90) Benzo(b)fluoranthene	22.69	252	379667	3.174 ng/ul	99
91) Benzo(k)fluoranthene	22.73	252	393902	3.457 ng/ul	99
93) Benzo(a)pyrene	23.24	252	376400	3.470 ng/ul	97
94) Indeno(1,2,3-cd)pyrene	25.49	276	442334	3.256 ng/ul	95
95) Dibenzo(a,h)anthracene	25.50	278	374751	3.291 ng/ul	99
96) Benzo(g,h,i)perylene	26.15	276	364740	3.168 ng/ul	97

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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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