Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN011221\
Data File : BN013391.D
Acq On : 12 Jan 2021 11:55
Operator : CG/JU
Sample : L4485-07
Misc : MDL-S-07
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : MDL-SOIL-07

Manual Integrations APPROVED
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1/13/2021 3:15:44 PM

Quant Time: Jan 12 12:24:42 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	7.60	152	364701	20.00	ng/ul	0.00
20) Naphthalene-d8	10.36	136	1515274	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.22	164	903001	20.00	ng/ul	0.00
64) Phenanthrene-d10	16.97	188	1813679	20.00	ng/ul	0.00
79) Chrysene-d12	21.16	240	1769900	20.00	ng/ul	0.00
88) Perylene-d12	23.33	264	1840315	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.20	96	41368	4.32	ng/uL	0.00
4) Pyridine-d5	3.59	84	583679	24.44	ng/ul	0.00
7) Phenol-d5	6.78	99	1020613	33.32	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	6.95	67	624555	36.62	ng/ul	0.00
11) 2-Chlorophenol-d4	7.13	132	897929	33.66	ng/ul	0.00
15) 4-Methylphenol-d8	8.29	113	852986	34.48	ng/ul	0.00
21) Nitrobenzene-d5	8.74	128	413459	34.26	ng/ul	0.00
24) 2-Nitrophenol-d4	9.45	143	434403	34.91	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.98	165	809944	32.95	ng/ul	0.00
31) 4-Chloroaniline-d4	10.49	131	1199495	35.67	ng/ul	0.00
46) Dimethylphthalate-d6	13.65	166	2408790	34.49	ng/ul	0.00
49) Acenaphthylene-d8	13.92	160	3142854	36.48	ng/ul	0.00
54) 4-Nitrophenol-d4	14.42	143	396037	31.05	ng/ul	0.00
60) Fluorene-d10	15.22	176	2095165	34.68	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.33	200	289513	32.43	ng/ul	0.00
73) Anthracene-d10	17.07	188	3104471	35.24	ng/ul	0.00
81) Pyrene-d10	19.37	212	3336652	35.00	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.20	264	3303024	34.37	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.23	88	7417	0.780	ng/uL	95
5) Pyridine	3.60	79	79708	3.315	ng/ul#	70
6) Benzaldehyde	6.75	77	58236	5.065	ng/ul	98
8) Phenol	6.80	94	95529	3.084	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.03	93	83693	3.409	ng/ul	96
12) 2-Chlorophenol	7.16	128	81775	3.008	ng/ul	97
13) 2-Methylphenol	8.03	108	62384	2.614	ng/ul	94
14) 2,2'-oxybis(1-Chloropropan	8.13	45	111795m	3.250	ng/ul	
16) Acetophenone	8.40	105	112697	3.104	ng/ul	97
17) N-Nitroso-di-n-propylamine	8.40	70	45459	2.523	ng/ul	98
18) 4-Methylphenol	8.36	108	76147	2.972	ng/ul	95
19) Hexachloroethane	8.66	117	31469	2.950	ng/ul	100
22) Nitrobenzene	8.78	77	85988	3.179	ng/ul	95
23) Isophorone	9.30	82	121723	2.380	ng/ul	99
25) 2-Nitrophenol	9.48	139	43284	3.125	ng/ul	96
26) 2,4-Dimethylphenol	9.55	107	79095	2.828	ng/ul	97
27) Bis(2-Chloroethoxy)methane	9.79	93	98311	2.971	ng/ul	98
29) 2,4-Dichlorophenol	10.01	162	74460	3.077	ng/ul	91
30) Naphthalene	10.41	128	273462	3.216	ng/ul	99
32) 4-Chloroaniline	10.52	127	108547	3.391	ng/ul	94
33) Hexachlorobutadiene	10.70	225	48006	3.174	ng/ul	99
34) Caprolactam	11.30	113	13972	1.872	ng/ul	93

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 4-Chloro-3-methylphenol	11.65	107	61229	2.362 ng/ul	99
36) 2-Methylnaphthalene	12.03	142	182475	3.121 ng/ul	99
37) 1-Methylnaphthalene	12.25	142	177735	3.154 ng/ul	98
39) 1,2,4,5-Tetrachlorobenzene	12.40	216	89431	3.291 ng/ul	99
40) Hexachlorocyclopentadiene	12.39	237	44872	3.169 ng/ul	97
41) 2,4,6-Trichlorophenol	12.65	196	40039	2.234 ng/ul	99
42) 2,4,5-Trichlorophenol	12.71	196	47525	2.492 ng/ul	99
43) 1,1'-Biphenyl	13.05	154	236818	3.256 ng/ul	100
44) 2-Chloronaphthalene	13.09	162	189197	3.303 ng/ul	95
45) 2-Nitroaniline	13.29	65	29875	2.047 ng/ul	95
47) Dimethylphthalate	13.69	163	217075	3.029 ng/ul	99
48) 2,6-Dinitrotoluene	13.80	165	29493	2.170 ng/ul	92
50) Acenaphthylene	13.94	152	279512	3.209 ng/ul	99
51) 3-Nitroaniline	14.12	138	31014	2.474 ng/ul	96
52) Acenaphthene	14.29	153	195004	3.174 ng/ul	98
53) 2,4-Dinitrophenol	14.33	184	9469	1.555 ng/ul#	90
55) 4-Nitrophenol	14.43	109	27134	2.825 ng/ul#	87
56) Dibenzofuran	14.62	168	276323	3.285 ng/ul	99
57) 2,4-Dinitrotoluene	14.59	165	47169	2.436 ng/ul#	98
58) 2,3,4,6-Tetrachlorophenol	14.85	232	36666	2.277 ng/ul#	95
59) Diethylphthalate	15.06	149	193448	2.656 ng/ul	99
61) Fluorene	15.27	166	224602	3.296 ng/ul	99
62) 4-Chlorophenyl-phenylether	15.28	204	110005	3.348 ng/ul	97
63) 4-Nitroaniline	15.29	138	33465	2.842 ng/ul	98
66) 4,6-Dinitro-2-methylphenol	15.35	198	29783	2.998 ng/ul#	83
67) N-Nitrosodiphenylamine	15.49	169	175757	3.076 ng/ul	98
68) 4-Bromophenyl-phenylether	16.17	248	59586	2.985 ng/ul	96
69) Hexachlorobenzene	16.27	284	72573	3.207 ng/ul	97
70) Atrazine	16.45	200	46492	2.382 ng/ul	96
71) Pentachlorophenol	16.62	266	23243	1.842 ng/ul	95
72) Phenanthrene	17.01	178	351928	3.344 ng/ul	99
74) Anthracene	17.10	178	354091	3.297 ng/ul	99
75) 1,2,3,4-Tetrachlorobenzene	13.01	216	88131	3.352 ng/uL	95
76) Pentachlorobenzene	14.54	250	85468	3.258 ng/uL	98
77) Carbazole	17.37	167	268246	3.077 ng/ul	100
78) Di-n-butylphthalate	17.96	149	248693	2.093 ng/ul	99
80) Fluoranthene	19.03	202	360214	2.953 ng/ul	99
82) Pyrene	19.39	202	415545	3.324 ng/ul	99
83) Butylbenzylphthalate	20.32	149	87949	1.637 ng/ul	96
84) 3,3'-Dichlorobenzidine	21.09	252	74341	2.221 ng/ul	94
85) Benzo(a)anthracene	21.14	228	365009	3.124 ng/ul	99
86) Bis(2-ethylhexyl)phthalate	21.11	149	140227	1.761 ng/ul	96
87) Chrysene	21.20	228	374672	3.275 ng/ul	99
89) Di-n-octyl phthalate	21.97	149	220915	1.930 ng/ul	100
90) Benzo(b)fluoranthene	22.69	252	371179	3.163 ng/ul	97
91) Benzo(k)fluoranthene	22.73	252	363628	3.253 ng/ul	97
93) Benzo(a)pyrene	23.24	252	341761	3.212 ng/ul	97
94) Indeno(1,2,3-cd)pyrene	25.50	276	422297	3.169 ng/ul	99
95) Dibenzo(a,h)anthracene	25.52	278	354711	3.176 ng/ul	97
96) Benzo(g,h,i)perylene	26.16	276	346236	3.066 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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