Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN012021\
Data File : BN013435.D
Acq On : 20 Jan 2021 12:40
Operator : CG/JU
Sample : L5214-06
Misc : SFAM-MDL-ME-02
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MDL-MED-SOIL-QT1-2021-02

Manual Integrations APPROVED
mohammad
1/22/2021 11:50:57 AM

Quant Time: Jan 20 13:10:23 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN011521.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 20 09:33:01 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	509925	20.00	ng/ul	0.00
20) Naphthalene-d8	10.35	136	2011879	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.22	164	1105439	20.00	ng/ul	0.00
64) Phenanthrene-d10	16.97	188	2012981	20.00	ng/ul	0.00
79) Chrysene-d12	21.17	240	1576471	20.00	ng/ul	0.00
88) Perylene-d12	23.35	264	1528087	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.19	96	42086	3.29	ng/uL	0.00
4) Pyridine-d5	3.57	84	633558	19.08	ng/ul	0.00
7) Phenol-d5	6.76	99	1475297	35.97	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	6.93	67	901594	37.45	ng/ul	0.00
11) 2-Chlorophenol-d4	7.12	132	1298832	36.86	ng/ul	0.00
15) 4-Methylphenol-d8	8.29	113	1201046	36.46	ng/ul	0.00
21) Nitrobenzene-d5	8.73	128	598725	38.43	ng/ul	0.00
24) 2-Nitrophenol-d4	9.44	143	613910	37.78	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.98	165	1117119	35.61	ng/ul	0.00
31) 4-Chloroaniline-d4	10.49	131	1609517	35.52	ng/ul	0.00
46) Dimethylphthalate-d6	13.64	166	3015327	36.25	ng/ul	0.00
49) Acenaphthylene-d8	13.91	160	4067146	39.00	ng/ul	0.00
54) 4-Nitrophenol-d4	14.42	143	513670	32.26	ng/ul	0.00
60) Fluorene-d10	15.22	176	2554527	34.97	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.33	200	376682	31.71	ng/ul	0.00
73) Anthracene-d10	17.07	188	3572937	36.53	ng/ul	0.00
81) Pyrene-d10	19.37	212	3425427	37.94	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.22	264	2950078	36.42	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.22	88	18207	1.378	ng/uL	98
5) Pyridine	3.59	79	135439	4.039	ng/ul#	82
6) Benzaldehyde	6.74	77	82765	5.347	ng/ul	97
8) Phenol	6.79	94	175843	4.159	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.02	93	150017	4.330	ng/ul	98
12) 2-Chlorophenol	7.15	128	151566	4.163	ng/ul	97
13) 2-Methylphenol	8.02	108	116602	3.620	ng/ul	98
14) 2,2'-oxybis(1-Chloropropan	8.12	45	206641	4.273	ng/ul	98
16) Acetophenone	8.40	105	203772	4.077	ng/ul	98
17) N-Nitroso-di-n-propylamine	8.39	70	85660	3.794	ng/ul	98
18) 4-Methylphenol	8.35	108	139184	4.013	ng/ul	98
19) Hexachloroethane	8.65	117	60535	4.051	ng/ul	95
22) Nitrobenzene	8.77	77	149916	4.241	ng/ul	97
23) Isophorone	9.29	82	216637	3.458	ng/ul	97
25) 2-Nitrophenol	9.47	139	77206	4.236	ng/ul	99
26) 2,4-Dimethylphenol	9.54	107	143402	4.041	ng/ul	98
27) Bis(2-Chloroethoxy)methane	9.78	93	172668	4.004	ng/ul	97
29) 2,4-Dichlorophenol	10.00	162	131230	4.180	ng/ul	93
30) Naphthalene	10.40	128	486744	4.262	ng/ul	98
32) 4-Chloroaniline	10.51	127	181197	4.146	ng/ul	100
33) Hexachlorobutadiene	10.69	225	84480	4.119	ng/ul	100
34) Caprolactam	11.29	113	21937m	2.406	ng/ul	

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35) 4-Chloro-3-methylphenol	11.63	107	109130	3.487	ng/ul	98
36) 2-Methylnaphthalene	12.02	142	320138	4.164	ng/ul	98
37) 1-Methylnaphthalene	12.24	142	309463	4.177	ng/ul	97
39) 1,2,4,5-Tetrachlorobenzene	12.39	216	156172	4.404	ng/ul	100
40) Hexachlorocyclopentadiene	12.38	237	77070	3.521	ng/ul#	92
41) 2,4,6-Trichlorophenol	12.63	196	74329	3.454	ng/ul	97
42) 2,4,5-Trichlorophenol	12.70	196	85186	3.635	ng/ul	97
43) 1,1'-Biphenyl	13.05	154	399066	4.287	ng/ul	99
44) 2-Chloronaphthalene	13.08	162	312575	4.260	ng/ul	99
45) 2-Nitroaniline	13.29	65	54002	3.275	ng/ul	94
47) Dimethylphthalate	13.68	163	355084	4.140	ng/ul	99
48) 2,6-Dinitrotoluene	13.80	165	53132	3.233	ng/ul#	87
50) Acenaphthylene	13.94	152	453998	4.214	ng/ul	100
51) 3-Nitroaniline	14.12	138	49013	3.213	ng/ul	100
52) Acenaphthene	14.28	153	318958	4.150	ng/ul	97
53) 2,4-Dinitrophenol	14.33	184	18239	1.982	ng/ul#	90
55) 4-Nitrophenol	14.43	109	43798	3.835	ng/ul	92
56) Dibenzofuran	14.62	168	442566	4.249	ng/ul	96
57) 2,4-Dinitrotoluene	14.59	165	80713	3.455	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	14.85	232	59742	3.160	ng/ul	99
59) Diethylphthalate	15.06	149	307763	3.680	ng/ul	99
61) Fluorene	15.27	166	352978	4.251	ng/ul	98
62) 4-Chlorophenyl-phenylether	15.27	204	170936	4.217	ng/ul	96
63) 4-Nitroaniline	15.29	138	47461	3.497	ng/ul	97
66) 4,6-Dinitro-2-methylphenol	15.35	198	47740	3.706	ng/ul#	86
67) N-Nitrosodiphenylamine	15.49	169	278958	4.280	ng/ul	95
68) 4-Bromophenyl-phenylether	16.17	248	91067	4.006	ng/ul	93
69) Hexachlorobenzene	16.27	284	109912	4.276	ng/ul	98
70) Atrazine	16.45	200	71959	3.308	ng/ul	98
71) Pentachlorophenol	16.62	266	35775	2.460	ng/ul	98
72) Phenanthrene	17.01	178	513799	4.246	ng/ul	99
74) Anthracene	17.10	178	517612	4.242	ng/ul	99
75) 1,2,3,4-Tetrachlorobenzene	13.00	216	148931	4.583	ng/uL	99
76) Pentachlorobenzene	14.54	250	136063	4.302	ng/uL	99
77) Carbazole	17.37	167	393351	3.922	ng/ul	99
78) Di-n-butylphthalate	17.96	149	360532	3.009	ng/ul	98
80) Fluoranthene	19.03	202	475486	4.052	ng/ul	100
82) Pyrene	19.40	202	534022	4.416	ng/ul	98
83) Butylbenzylphthalate	20.33	149	107302	2.527	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.10	252	63523	2.150	ng/ul	93
85) Benzo(a)anthracene	21.16	228	417285	3.975	ng/ul	99
86) Bis(2-ethylhexyl)phthalate	21.12	149	158302	2.586	ng/ul	99
87) Chrysene	21.20	228	431013	4.167	ng/ul	99
89) Di-n-octyl phthalate	21.98	149	237442	2.380	ng/ul	100
90) Benzo(b)fluoranthene	22.70	252	404875	3.926	ng/ul	98
91) Benzo(k)fluoranthene	22.75	252	421778	4.158	ng/ul	99
93) Benzo(a)pyrene	23.26	252	387382	4.203	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.53	276	473613	4.551	ng/ul	95
95) Dibenzo(a,h)anthracene	25.54	278	405174	4.657	ng/ul	97
96) Benzo(g,h,i)perylene	26.19	276	390915	4.477	ng/ul	97

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

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