Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN011921\
Data File : BN013426.D
Acq On : 19 Jan 2021 15:24
Operator : CG/JU
Sample : L5214-05
Misc : SFAM-MDL-ME01
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : MDL-MED-SOIL-QT1-2021-01

Quant Time: Jan 19 15:58:11 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN011521.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jan 19 10:08:46 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	501278	20.00	ng/ul	0.00
20) Naphthalene-d8	10.35	136	1996100	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.22	164	1102580	20.00	ng/ul	0.00
64) Phenanthrene-d10	16.97	188	2101543	20.00	ng/ul	0.00
79) Chrysene-d12	21.17	240	1651077	20.00	ng/ul	0.00
88) Perylene-d12	23.36	264	1451996	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.19	96	43032	3.42	ng/uL	0.00
4) Pyridine-d5	3.57	84	622413	19.07	ng/ul	0.00
7) Phenol-d5	6.76	99	1442264	35.77	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	6.93	67	891466	37.66	ng/ul	0.00
11) 2-Chlorophenol-d4	7.12	132	1258894	36.35	ng/ul	0.00
15) 4-Methylphenol-d8	8.28	113	1177991	36.38	ng/ul	0.00
21) Nitrobenzene-d5	8.73	128	588546	38.07	ng/ul	0.00
24) 2-Nitrophenol-d4	9.44	143	603225	37.42	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.97	165	1098458	35.29	ng/ul	0.00
31) 4-Chloroaniline-d4	10.49	131	1590933	35.39	ng/ul	0.00
46) Dimethylphthalate-d6	13.64	166	3007488	36.25	ng/ul	0.00
49) Acenaphthylene-d8	13.91	160	4047793	38.92	ng/ul	0.00
54) 4-Nitrophenol-d4	14.42	143	524990	33.06	ng/ul	0.00
60) Fluorene-d10	15.22	176	2610506	35.82	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.34	200	393942	31.76	ng/ul	0.00
73) Anthracene-d10	17.07	188	3703876	36.28	ng/ul	0.00
81) Pyrene-d10	19.37	212	3652481	38.63	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.22	264	2806883	36.47	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.22	88	17465	1.344	ng/uL	90
5) Pyridine	3.59	79	131657	3.994	ng/ul#	72
6) Benzaldehyde	6.74	77	77631	5.102	ng/ul	99
8) Phenol	6.79	94	170474	4.102	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.02	93	147331	4.325	ng/ul	98
12) 2-Chlorophenol	7.15	128	148885	4.160	ng/ul	97
13) 2-Methylphenol	8.02	108	115509	3.648	ng/ul	100
14) 2,2'-oxybis(1-Chloropropan	8.11	45	199664	4.200	ng/ul	99
16) Acetophenone	8.40	105	202559	4.123	ng/ul	99
17) N-Nitroso-di-n-propylamine	8.39	70	83449	3.760	ng/ul	98
18) 4-Methylphenol	8.35	108	135697	3.980	ng/ul	99
19) Hexachloroethane	8.65	117	59466	4.049	ng/ul	90
22) Nitrobenzene	8.77	77	149082	4.250	ng/ul	96
23) Isophorone	9.29	82	213328	3.432	ng/ul	98
25) 2-Nitrophenol	9.47	139	75411	4.170	ng/ul	98
26) 2,4-Dimethylphenol	9.54	107	140077	3.978	ng/ul	96
27) Bis(2-Chloroethoxy)methane	9.77	93	168720	3.943	ng/ul	98
29) 2,4-Dichlorophenol	10.00	162	130143	4.178	ng/ul	93
30) Naphthalene	10.40	128	480846	4.243	ng/ul	98
32) 4-Chloroaniline	10.51	127	182018	4.198	ng/ul	99
33) Hexachlorobutadiene	10.69	225	84149	4.135	ng/ul	97
34) Caprolactam	11.29	113	20850	2.305	ng/ul	93

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35) 4-Chloro-3-methylphenol	11.63	107	108308	3.488	ng/ul	100
36) 2-Methylnaphthalene	12.02	142	315340	4.134	ng/ul	97
37) 1-Methylnaphthalene	12.24	142	304282	4.140	ng/ul#	97
39) 1,2,4,5-Tetrachlorobenzene	12.39	216	152113	4.300	ng/ul	95
40) Hexachlorocyclopentadiene	12.37	237	80669	3.695	ng/ul	97
41) 2,4,6-Trichlorophenol	12.64	196	71949	3.352	ng/ul	95
42) 2,4,5-Trichlorophenol	12.70	196	84536	3.617	ng/ul	96
43) 1,1'-Biphenyl	13.05	154	394477	4.249	ng/ul	99
44) 2-Chloronaphthalene	13.08	162	310216	4.239	ng/ul	99
45) 2-Nitroaniline	13.29	65	52538	3.195	ng/ul	97
47) Dimethylphthalate	13.69	163	350914	4.101	ng/ul	98
48) 2,6-Dinitrotoluene	13.80	165	52169	3.182	ng/ul#	93
50) Acenaphthylene	13.94	152	454467	4.229	ng/ul	99
51) 3-Nitroaniline	14.12	138	49687	3.266	ng/ul	93
52) Acenaphthene	14.29	153	321102	4.188	ng/ul	98
53) 2,4-Dinitrophenol	14.33	184	18654	2.033	ng/ul	96
55) 4-Nitrophenol	14.43	109	46538	4.086	ng/ul	88
56) Dibenzofuran	14.62	168	443107	4.265	ng/ul	99
57) 2,4-Dinitrotoluene	14.59	165	81202	3.485	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	14.85	232	61660	3.270	ng/ul	98
59) Diethylphthalate	15.06	149	308859	3.702	ng/ul	98
61) Fluorene	15.27	166	359971	4.347	ng/ul	97
62) 4-Chlorophenyl-phenylether	15.27	204	171792	4.249	ng/ul	99
63) 4-Nitroaniline	15.29	138	47384	3.500	ng/ul	97
66) 4,6-Dinitro-2-methylphenol	15.35	198	48730	3.624	ng/ul#	78
67) N-Nitrosodiphenylamine	15.49	169	279010	4.101	ng/ul	96
68) 4-Bromophenyl-phenylether	16.17	248	96563	4.068	ng/ul	94
69) Hexachlorobenzene	16.27	284	110756	4.127	ng/ul	98
70) Atrazine	16.45	200	74190	3.266	ng/ul	97
71) Pentachlorophenol	16.62	266	39521	2.604	ng/ul	91
72) Phenanthrene	17.01	178	527838	4.178	ng/ul	98
74) Anthracene	17.10	178	538845	4.230	ng/ul	99
75) 1,2,3,4-Tetrachlorobenzene	13.00	216	149285	4.400	ng/uL	95
76) Pentachlorobenzene	14.54	250	137611	4.167	ng/uL	98
77) Carbazole	17.37	167	410542	3.920	ng/ul	98
78) Di-n-butylphthalate	17.96	149	388962	3.109	ng/ul	99
80) Fluoranthene	19.04	202	506576	4.122	ng/ul	97
82) Pyrene	19.40	202	564751	4.459	ng/ul	100
83) Butylbenzylphthalate	20.33	149	116446	2.618	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.10	252	69528	2.247	ng/ul#	94
85) Benzo(a)anthracene	21.16	228	443920	4.038	ng/ul	98
86) Bis(2-ethylhexyl)phthalate	21.12	149	157511	2.457	ng/ul	99
87) Chrysene	21.21	228	458656	4.234	ng/ul	96
89) Di-n-octyl phthalate	21.99	149	229495	2.421	ng/ul	100
90) Benzo(b)fluoranthene	22.70	252	392678	4.008	ng/ul	100
91) Benzo(k)fluoranthene	22.75	252	402071	4.171	ng/ul	97
93) Benzo(a)pyrene	23.26	252	367898	4.201	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	25.53	276	425929	4.308	ng/ul	99
95) Dibenzo(a,h)anthracene	25.54	278	362774	4.388	ng/ul	99
96) Benzo(g,h,i)perylene	26.19	276	357189	4.305	ng/ul	98

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

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