Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN011921\
Data File : BN013424.D
Acq On : 19 Jan 2021 13:34
Operator : CG/JU
Sample : L5214-03
Misc : SFAM-MDL-S01
ALS Vial : 6 Sample Multiplier: 1

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

Quant Time: Jan 19 14:19:18 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	434625	20.00	ng/ul	0.00
20) Naphthalene-d8	10.35	136	1653094	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.22	164	866668	20.00	ng/ul	0.00
64) Phenanthrene-d10	16.97	188	1579055	20.00	ng/ul	0.00
79) Chrysene-d12	21.17	240	1396552	20.00	ng/ul	0.00
88) Perylene-d12	23.36	264	1358153	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.19	96	39825	3.65	ng/uL	0.00
4) Pyridine-d5	3.57	84	549547	19.42	ng/ul	0.00
7) Phenol-d5	6.76	99	1244340	35.59	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	6.93	67	761522	37.11	ng/ul	0.00
11) 2-Chlorophenol-d4	7.12	132	1093914	36.43	ng/ul	0.00
15) 4-Methylphenol-d8	8.29	113	998335	35.56	ng/ul	0.00
21) Nitrobenzene-d5	8.73	128	490346	38.30	ng/ul	0.00
24) 2-Nitrophenol-d4	9.44	143	498486	37.34	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.98	165	911689	35.37	ng/ul	0.00
31) 4-Chloroaniline-d4	10.49	131	1311737	35.23	ng/ul	0.00
46) Dimethylphthalate-d6	13.64	166	2323997	35.64	ng/ul	0.00
49) Acenaphthylene-d8	13.91	160	3211544	39.28	ng/ul	0.00
54) 4-Nitrophenol-d4	14.42	143	387772	31.07	ng/ul	0.00
60) Fluorene-d10	15.22	176	2039282	35.60	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.33	200	271313	29.11	ng/ul	0.00
73) Anthracene-d10	17.07	188	2832972	36.93	ng/ul	0.00
81) Pyrene-d10	19.37	212	2763500	34.55	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.22	264	2678297	37.21	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.22	88	15507	1.377	ng/uL	97
5) Pyridine	3.59	79	116933	4.091	ng/ul#	73
6) Benzaldehyde	6.74	77	68914	5.224	ng/ul	93
8) Phenol	6.79	94	149380	4.145	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.02	93	125179	4.239	ng/ul	99
12) 2-Chlorophenol	7.16	128	128027	4.126	ng/ul	99
13) 2-Methylphenol	8.02	108	95692	3.485	ng/ul	96
14) 2,2'-oxybis(1-Chloropropan	8.11	45	171070	4.150	ng/ul	99
16) Acetophenone	8.40	105	167431	3.930	ng/ul	98
17) N-Nitroso-di-n-propylamine	8.39	70	68102	3.539	ng/ul	98
18) 4-Methylphenol	8.35	108	115674	3.913	ng/ul	94
19) Hexachloroethane	8.65	117	49739	3.906	ng/ul	98
22) Nitrobenzene	8.77	77	124900	4.300	ng/ul	97
23) Isophorone	9.29	82	169802	3.299	ng/ul	97
25) 2-Nitrophenol	9.47	139	63028	4.209	ng/ul	98
26) 2,4-Dimethylphenol	9.54	107	117772	4.039	ng/ul	98
27) Bis(2-Chloroethoxy)methane	9.78	93	139802	3.945	ng/ul	98
29) 2,4-Dichlorophenol	10.00	162	107220	4.157	ng/ul	95
30) Naphthalene	10.40	128	398246	4.244	ng/ul	99
32) 4-Chloroaniline	10.51	127	148668	4.140	ng/ul	96
33) Hexachlorobutadiene	10.69	225	70029	4.155	ng/ul	99
34) Caprolactam	11.29	113	17059	2.277	ng/ul	97

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35) 4-Chloro-3-methylphenol	11.63	107	85352	3.319	ng/ul	92
36) 2-Methylnaphthalene	12.02	142	258607	4.094	ng/ul	98
37) 1-Methylnaphthalene	12.24	142	245190	4.028	ng/ul	96
39) 1,2,4,5-Tetrachlorobenzene	12.39	216	124142	4.465	ng/ul	99
40) Hexachlorocyclopentadiene	12.38	237	64906	3.782	ng/ul	97
41) 2,4,6-Trichlorophenol	12.64	196	54885	3.253	ng/ul	95
42) 2,4,5-Trichlorophenol	12.70	196	67860	3.694	ng/ul	99
43) 1,1'-Biphenyl	13.05	154	315742	4.327	ng/ul	99
44) 2-Chloronaphthalene	13.08	162	246159	4.279	ng/ul	99
45) 2-Nitroaniline	13.29	65	39886	3.086	ng/ul	95
47) Dimethylphthalate	13.69	163	267567	3.979	ng/ul	98
48) 2,6-Dinitrotoluene	13.80	165	37755	2.930	ng/ul#	90
50) Acenaphthylene	13.94	152	357899	4.237	ng/ul	99
51) 3-Nitroaniline	14.12	138	37530	3.138	ng/ul	91
52) Acenaphthene	14.29	153	252022	4.182	ng/ul	99
53) 2,4-Dinitrophenol	14.33	184	13759	1.907	ng/ul	94
55) 4-Nitrophenol	14.43	109	34900	3.898	ng/ul	91
56) Dibenzofuran	14.62	168	350013	4.286	ng/ul	96
57) 2,4-Dinitrotoluene	14.59	165	59065	3.225	ng/ul	90
58) 2,3,4,6-Tetrachlorophenol	14.85	232	44791	3.022	ng/ul	97
59) Diethylphthalate	15.06	149	227976	3.477	ng/ul	98
61) Fluorene	15.27	166	273083	4.195	ng/ul	97
62) 4-Chlorophenyl-phenylether	15.27	204	134007	4.217	ng/ul	99
63) 4-Nitroaniline	15.29	138	33170	3.117	ng/ul	97
66) 4,6-Dinitro-2-methylphenol	15.35	198	35514	3.515	ng/ul#	85
67) N-Nitrosodiphenylamine	15.49	169	209492	4.098	ng/ul	98
68) 4-Bromophenyl-phenylether	16.17	248	68814	3.859	ng/ul	93
69) Hexachlorobenzene	16.27	284	82166	4.075	ng/ul	96
70) Atrazine	16.45	200	52006	3.047	ng/ul	99
71) Pentachlorophenol	16.62	266	27790	2.437	ng/ul	93
72) Phenanthrene	17.01	178	404157	4.257	ng/ul	99
74) Anthracene	17.10	178	404334	4.224	ng/ul	98
75) 1,2,3,4-Tetrachlorobenzene	13.00	216	118816	4.661	ng/uL	99
76) Pentachlorobenzene	14.54	250	108482	4.372	ng/uL	98
77) Carbazole	17.37	167	307010	3.902	ng/ul	99
78) Di-n-butylphthalate	17.96	149	260639	2.773	ng/ul	99
80) Fluoranthene	19.04	202	382985	3.684	ng/ul	97
82) Pyrene	19.40	202	440757	4.114	ng/ul	98
83) Butylbenzylphthalate	20.33	149	84613	2.249	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.10	252	56877	2.173	ng/ul	96
85) Benzo(a)anthracene	21.16	228	361615	3.889	ng/ul	99
86) Bis(2-ethylhexyl)phthalate	21.12	149	125568	2.316	ng/ul	96
87) Chrysene	21.21	228	382661	4.176	ng/ul	99
89) Di-n-octyl phthalate	21.99	149	192316	2.169	ng/ul	100
90) Benzo(b)fluoranthene	22.70	252	368465	4.020	ng/ul	98
91) Benzo(k)fluoranthene	22.74	252	369570	4.099	ng/ul	99
93) Benzo(a)pyrene	23.26	252	344742	4.208	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	25.53	276	422325	4.566	ng/ul	98
95) Dibenzo(a,h)anthracene	25.54	278	359913	4.655	ng/ul	98
96) Benzo(g,h,i)perylene	26.19	276	351831	4.533	ng/ul	98

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

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