

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022620\
 Data File : BN009924.D
 Acq On : 26 Feb 2020 12:06
 Operator : CG/JU
 Sample : K5695-02
 Misc : ME-SOIL-MDL-02
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MDL-SOIL-02

Manual Integrations
 APPROVED

mohammad
 2/27/2020 4:57:00 PM

Quant Time: Feb 26 13:44:00 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Feb 26 07:56:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	81232	20.00	ng/ul	0.00
18) Naphthalene-d8	10.13	136	344229	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.02	164	216679	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.78	188	477106	20.00	ng/ul	0.00
78) Chrysene-d12	21.00	240	475873	20.00	ng/ul	0.00
86) Perylene-d12	23.10	264	503803	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.03	96	10567	5.35	ng/uL	0.00
5) Phenol-d5	6.59	99	216314	31.30	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.75	67	159317	33.41	ng/ul	0.00
9) 2-Chlorophenol-d4	6.92	132	172754	33.21	ng/ul	0.00
13) 4-Methylphenol-d8	8.10	113	175700	31.97	ng/ul	0.00
19) Nitrobenzene-d5	8.53	128	84567	33.58	ng/ul	0.00
22) 2-Nitrophenol-d4	9.24	143	93495	33.93	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.77	165	168131	31.74	ng/ul	0.00
29) 4-Chloroaniline-d4	10.29	131	228235	38.35	ng/ul	0.00
44) Dimethylphthalate-d6	13.45	166	558210	34.49	ng/ul	0.00
47) Acenaphthylene-d8	13.71	160	668107	35.05	ng/ul	0.00
52) 4-Nitrophenol-d4	14.27	143	73175	24.76	ng/ul	0.00
58) Fluorene-d10	15.03	176	458997	32.85	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.19	200	74318	25.07	ng/ul	0.00
71) Anthracene-d10	16.88	188	733321	33.53	ng/ul	0.00
79) Pyrene-d10	19.19	212	815200	32.78	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.97	264	838744	33.34	ng/ul	0.00

Target Compounds

				Ovalue	
2) 1,4-Dioxane	3.06	88	2662	1.173	ng/uL# 81
4) Benzaldehyde	6.56	77	18595	4.047	ng/ul 96
6) Phenol	6.61	94	24206	3.269	ng/ul# 86
8) Bis(2-Chloroethyl)ether	6.84	93	20697	3.557	ng/ul 98
10) 2-Chlorophenol	6.96	128	18176	3.317	ng/ul 97
11) 2-Methylphenol	7.85	108	15182	2.802	ng/ul 95
12) 2,2'-oxybis(1-Chloropropan	7.92	45	54881	3.847	ng/ul# 96
14) Acetophenone	8.21	105	29177	3.258	ng/ul 93
15) N-Nitroso-di-n-propylamine	8.19	70	14957	3.196	ng/ul 86
16) 4-Methylphenol	8.16	108	19326	3.251	ng/ul 96
17) Hexachloroethane	8.43	117	8809	3.534	ng/ul 92
20) Nitrobenzene	8.57	77	26950	3.632	ng/ul 98
21) Isophorone	9.09	82	41658	3.190	ng/ul# 94
23) 2-Nitrophenol	9.27	139	10389	3.370	ng/ul 98
24) 2,4-Dimethylphenol	9.35	107	21981	3.284	ng/ul 95
25) Bis(2-Chloroethoxy)methane	9.58	93	25531	3.199	ng/ul 99
27) 2,4-Dichlorophenol	9.80	162	16979	3.177	ng/ul 92
28) Naphthalene	10.18	128	64575	3.479	ng/ul 100
30) 4-Chloroaniline	10.31	127	22851	3.750	ng/ul 95
31) Hexachlorobutadiene	10.47	225	12412	3.473	ng/ul# 82
32) Caprolactam	11.14	113	4448m	2.482	ng/ul
33) 4-Chloro-3-methylphenol	11.47	107	18351	3.003	ng/ul 88
34) 2-Methylnaphthalene	11.81	142	42813	3.322	ng/ul 84

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.03	142	44895	3.475	ng/uL	97
37) 1,2,4,5-Tetrachlorobenzene	12.19	216	22324	3.476	ng/uL	96
38) Hexachlorocyclopentadiene	12.16	237	2628	0.946	ng/uL#	76
39) 2,4,6-Trichlorophenol	12.45	196	11113	2.726	ng/uL#	76
40) 2,4,5-Trichlorophenol	12.54	196	12967m	2.965	ng/uL	
41) 1,1'-Biphenyl	12.85	154	57308	3.444	ng/uL	94
42) 2-Chloronaphthalene	12.89	162	44337	3.355	ng/uL	98
43) 2-Nitroaniline	13.12	65	12235	2.531	ng/uL	96
45) Dimethylphthalate	13.50	163	58515	3.465	ng/uL	99
46) 2,6-Dinitrotoluene	13.63	165	8997	2.721	ng/uL	95
48) Acenaphthylene	13.74	152	70746	3.429	ng/uL#	93
49) 3-Nitroaniline	13.97	138	7246	2.374	ng/uL	84
50) Acenaphthene	14.09	153	50257	3.553	ng/uL	96
51) 2,4-Dinitrophenol	14.23	184	1934m	1.019	ng/uL	
53) 4-Nitrophenol	14.29	109	7600	2.849	ng/uL	91
54) Dibenzofuran	14.43	168	68221	3.437	ng/uL	96
55) 2,4-Dinitrotoluene	14.44	165	14315	2.922	ng/uL	95
56) 2,3,4,6-Tetrachlorophenol	14.67	232	10735	2.855	ng/uL#	94
57) Diethylphthalate	14.88	149	58249	3.359	ng/uL	100
59) Fluorene	15.09	166	57998	3.481	ng/uL	99
60) 4-Chlorophenyl-phenylether	15.09	204	28324	3.447	ng/uL	93
61) 4-Nitroaniline	15.15	138	8458m	2.272	ng/uL	
64) 4,6-Dinitro-2-methylphenol	15.20	198	8296	2.598	ng/uL#	16
65) N-Nitrosodiphenylamine	15.31	169	48151	3.401	ng/uL	94
66) 4-Bromophenyl-phenylether	15.99	248	16203	3.394	ng/uL	91
67) Hexachlorobenzene	16.10	284	17136	3.244	ng/uL	92
68) Atrazine	16.28	200	15470	2.881	ng/uL	99
69) Pentachlorophenol	16.46	266	5316	1.741	ng/uL#	83
70) Phenanthrene	16.82	178	93394	3.430	ng/uL	99
72) Anthracene	16.92	178	96973	3.484	ng/uL	99
73) 1,2,3,4-Tetrachlorobenzene	12.81	216	24923	3.576	ng/uL	92
74) Pentachlorobenzene	14.36	250	21664	3.223	ng/uL	96
75) Carbazole	17.21	167	68273	2.785	ng/uL	96
76) Di-n-butylphthalate	17.77	149	84864	2.805	ng/uL	98
77) Fluoranthene	18.86	202	101313	3.177	ng/uL	100
80) Pvrene	19.22	202	115053	3.354	ng/uL	98
81) Butylbenzylphthalate	20.16	149	35415	2.511	ng/uL	98
82) 3,3'-Dichlorobenzidine	20.94	252	27422	2.643	ng/uL#	96
83) Benzo(a)anthracene	20.99	228	106362	3.252	ng/uL	100
84) Bis(2-ethylhexyl)phthalate	20.94	149	56891	2.642	ng/uL	96
85) Chrysene	21.04	228	108112	3.358	ng/uL	97
87) Di-n-octyl phthalate	21.79	149	95256	2.498	ng/uL	100
88) Benzo(b)fluoranthene	22.49	252	106693	3.266	ng/uL	99
89) Benzo(k)fluoranthene	22.53	252	103765	3.355	ng/uL	98
91) Benzo(a)pyrene	23.01	252	99025	3.371	ng/uL	97
92) Indeno(1,2,3-cd)pyrene	25.14	276	110319	3.163	ng/uL	95
93) Dibenzo(a,h)anthracene	25.14	278	92626	3.104	ng/uL	97
94) Benzo(a,h,i)perylene	25.77	276	95826	3.276	ng/uL	98

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

