

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022620\
 Data File : BN009923.D
 Acq On : 26 Feb 2020 11:30
 Operator : CG/JU
 Sample : K5695-01
 Misc : ME-SOIL-MDL-01
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MDL-SOIL-01

Manual Integrations
 APPROVED

mohammad
 2/27/2020 4:56:57 PM

Quant Time: Feb 26 13:40:25 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	112380	20.00	ng/ul	0.00
18) Naphthalene-d8	10.13	136	490436	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.02	164	318658	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.78	188	703447	20.00	ng/ul	0.00
78) Chrysene-d12	21.00	240	714280	20.00	ng/ul	0.00
86) Perylene-d12	23.10	264	717248	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.03	96	14009	5.13	ng/uL	0.00
5) Phenol-d5	6.59	99	321212	33.60	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.74	67	236979	35.93	ng/ul	0.00
9) 2-Chlorophenol-d4	6.92	132	253182	35.18	ng/ul	0.00
13) 4-Methylphenol-d8	8.10	113	261771	34.43	ng/ul	0.00
19) Nitrobenzene-d5	8.53	128	125865	35.08	ng/ul	0.00
22) 2-Nitrophenol-d4	9.24	143	140863	35.89	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.77	165	248285	32.90	ng/ul	0.00
29) 4-Chloroaniline-d4	10.28	131	352199	41.54	ng/ul	0.00
44) Dimethylphthalate-d6	13.45	166	827444	34.76	ng/ul	0.00
47) Acenaphthylene-d8	13.71	160	1025393	36.58	ng/ul	0.00
52) 4-Nitrophenol-d4	14.27	143	123486	28.41	ng/ul	0.00
58) Fluorene-d10	15.03	176	696876	33.91	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.19	200	127135	29.09	ng/ul	0.00
71) Anthracene-d10	16.88	188	1107977	34.36	ng/ul	0.00
79) Pyrene-d10	19.19	212	1232487	33.01	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.97	264	1217004	33.98	ng/ul	0.00

Target Compounds

				Ovalue	
2) 1,4-Dioxane	3.07	88	4334m	1.381	ng/uL
4) Benzaldehyde	6.56	77	29137	4.584	ng/ul
6) Phenol	6.61	94	37002	3.612	ng/ul#
8) Bis(2-Chloroethyl)ether	6.83	93	29729	3.693	ng/ul
10) 2-Chlorophenol	6.95	128	28474	3.756	ng/ul
11) 2-Methylphenol	7.84	108	25649	3.422	ng/ul
12) 2,2'-oxybis(1-Chloropropan	7.91	45	83022	4.207	ng/ul
14) Acetophenone	8.20	105	47376	3.824	ng/ul
15) N-Nitroso-di-n-propylamine	8.19	70	25376	3.920	ng/ul
16) 4-Methylphenol	8.16	108	29665	3.607	ng/ul
17) Hexachloroethane	8.43	117	13577	3.937	ng/ul
20) Nitrobenzene	8.57	77	41302	3.906	ng/ul
21) Isophorone	9.09	82	65013	3.494	ng/ul
23) 2-Nitrophenol	9.27	139	16092	3.664	ng/ul#
24) 2,4-Dimethylphenol	9.35	107	35529	3.726	ng/ul
25) Bis(2-Chloroethoxy)methane	9.58	93	41903	3.685	ng/ul
27) 2,4-Dichlorophenol	9.80	162	28257	3.712	ng/ul
28) Naphthalene	10.18	128	100423	3.797	ng/ul
30) 4-Chloroaniline	10.31	127	37669	4.339	ng/ul
31) Hexachlorobutadiene	10.46	225	18429	3.620	ng/ul
32) Caprolactam	11.13	113	7304m	2.861	ng/ul
33) 4-Chloro-3-methylphenol	11.46	107	29833	3.427	ng/ul
34) 2-Methylnaphthalene	11.80	142	66257	3.608	ng/ul

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

35) 1-Methylnaphthalene	12.03	142	72601	3.944	ng/uL	99
37) 1,2,4,5-Tetrachlorobenzene	12.19	216	34528	3.656	ng/uL	98
38) Hexachlorocyclopentadiene	12.16	237	5044	1.234	ng/uL#	91
39) 2,4,6-Trichlorophenol	12.45	196	19219	3.206	ng/uL	88
40) 2,4,5-Trichlorophenol	12.53	196	20661	3.213	ng/uL	94
41) 1,1'-Biphenyl	12.85	154	90456	3.696	ng/uL	97
42) 2-Chloronaphthalene	12.89	162	72000	3.704	ng/uL	99
43) 2-Nitroaniline	13.12	65	20891	2.939	ng/uL	99
45) Dimethylphthalate	13.50	163	92651	3.730	ng/uL	99
46) 2,6-Dinitrotoluene	13.63	165	15149	3.116	ng/uL	98
48) Acenaphthylene	13.74	152	117825	3.883	ng/uL	99
49) 3-Nitroaniline	13.97	138	12977	2.891	ng/uL#	97
50) Acenaphthene	14.09	153	78175	3.758	ng/uL	94
51) 2,4-Dinitrophenol	14.21	184	3245	1.163	ng/uL#	81
53) 4-Nitrophenol	14.28	109	13694	3.491	ng/uL#	76
54) Dibenzofuran	14.43	168	109583	3.754	ng/uL	98
55) 2,4-Dinitrotoluene	14.43	165	24893	3.455	ng/uL	84
56) 2,3,4,6-Tetrachlorophenol	14.67	232	18416	3.331	ng/uL	96
57) Diethylphthalate	14.88	149	92333	3.621	ng/uL	99
59) Fluorene	15.09	166	91818	3.748	ng/uL	97
60) 4-Chlorophenyl-phenylether	15.09	204	44692	3.699	ng/uL	92
61) 4-Nitroaniline	15.14	138	12737	2.327	ng/uL	91
64) 4,6-Dinitro-2-methylphenol	15.20	198	14526	3.086	ng/uL#	70
65) N-Nitrosodiphenylamine	15.30	169	74032	3.547	ng/uL	93
66) 4-Bromophenyl-phenylether	15.98	248	25029	3.556	ng/uL	94
67) Hexachlorobenzene	16.09	284	28116	3.610	ng/uL	99
68) Atrazine	16.27	200	25704	3.246	ng/uL#	86
69) Pentachlorophenol	16.46	266	9364	2.080	ng/uL	92
70) Phenanthrene	16.82	178	150114	3.739	ng/uL	98
72) Anthracene	16.92	178	153127	3.731	ng/uL	99
73) 1,2,3,4-Tetrachlorobenzene	12.80	216	38164	3.713	ng/uL	95
74) Pentachlorobenzene	14.35	250	34914	3.523	ng/uL	98
75) Carbazole	17.20	167	112505	3.113	ng/uL	96
76) Di-n-butylphthalate	17.77	149	145249	3.256	ng/uL	99
77) Fluoranthene	18.86	202	166301	3.536	ng/uL	97
80) Pvrene	19.22	202	184410	3.581	ng/uL	97
81) Butylbenzylphthalate	20.15	149	62136	2.935	ng/uL	95
82) 3,3'-Dichlorobenzidine	20.93	252	45064	2.894	ng/uL#	95
83) Benzo(a)anthracene	20.99	228	171046	3.485	ng/uL	98
84) Bis(2-ethylhexyl)phthalate	20.95	149	98172	3.037	ng/uL	95
85) Chrysene	21.04	228	172469	3.569	ng/uL	98
87) Di-n-octyl phthalate	21.79	149	160793	2.962	ng/uL	100
88) Benzo(b)fluoranthene	22.49	252	164124m	3.529	ng/uL	
89) Benzo(k)fluoranthene	22.53	252	160325	3.641	ng/uL	98
91) Benzo(a)pyrene	23.02	252	164262	3.927	ng/uL#	97
92) Indeno(1,2,3-cd)pyrene	25.14	276	179920	3.623	ng/uL	95
93) Dibenzo(a,h)anthracene	25.15	278	145173	3.417	ng/uL	97
94) Benzo(a,h,i)perylene	25.76	276	145670	3.498	ng/uL	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

