

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN021720\
 Data File : BN009737.D
 Acq On : 17 Feb 2020 14:20
 Operator : CG/JU
 Sample : K5695-06
 Misc : MDL-SOIL-06
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MDL-SOIL-06

Manual Integrations
 APPROVED

mohammad
 2/20/2020 7:56:32 AM

Quant Time: Feb 17 15:30:10 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Feb 17 00:47:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.42	152	108610	20.00	ng/ul	0.00
18) Naphthalene-d8	10.16	136	452225	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.06	164	288759	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.81	188	625598	20.00	ng/ul	0.00
78) Chrysene-d12	21.03	240	623826	20.00	ng/ul	0.00
86) Perylene-d12	23.13	264	628817	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.06	96	11530	4.37	ng/uL	0.00
5) Phenol-d5	6.62	99	245188	26.54	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.78	67	179899	28.22	ng/ul	0.00
9) 2-Chlorophenol-d4	6.96	132	195318	28.08	ng/ul	0.00
13) 4-Methylphenol-d8	8.13	113	194487	26.46	ng/ul	0.00
19) Nitrobenzene-d5	8.56	128	93439	28.24	ng/ul	0.00
22) 2-Nitrophenol-d4	9.28	143	101846	28.14	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.80	165	183617	26.39	ng/ul	0.00
29) 4-Chloroaniline-d4	10.32	131	258238	33.03	ng/ul	0.00
44) Dimethylphthalate-d6	13.48	166	629828	29.20	ng/ul	0.00
47) Acenaphthylene-d8	13.75	160	749290	29.50	ng/ul	0.00
52) 4-Nitrophenol-d4	14.29	143	91719	23.28	ng/ul	0.00
58) Fluorene-d10	15.06	176	518965	27.87	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.22	200	89534	23.04	ng/ul	0.00
71) Anthracene-d10	16.91	188	822468	28.68	ng/ul	0.00
79) Pyrene-d10	19.22	212	886023	27.17	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.00	264	866111	27.58	ng/ul	0.00

Target Compounds

					Ovalue	
4) Benzaldehyde	6.59	77	19612	3.192	ng/ul	87
6) Phenol	6.65	94	24101	2.435	ng/ul	90
8) Bis(2-Chloroethyl)ether	6.86	93	20855	2.680	ng/ul	95
10) 2-Chlorophenol	6.99	128	18647	2.545	ng/ul	91
11) 2-Methylphenol	7.88	108	16180	2.233	ng/ul	93
12) 2,2'-oxybis(1-Chloropropan	7.95	45	54697	2.868	ng/ul#	96
14) Acetophenone	8.24	105	29850	2.493	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.23	70	15231	2.434	ng/ul	96
16) 4-Methylphenol	8.20	108	19913	2.505	ng/ul	95
17) Hexachloroethane	8.46	117	8588	2.577	ng/ul#	84
20) Nitrobenzene	8.60	77	25266	2.592	ng/ul	94
21) Isophorone	9.13	82	40220	2.344	ng/ul	97
23) 2-Nitrophenol	9.30	139	10164	2.510	ng/ul	92
24) 2,4-Dimethylphenol	9.38	107	20814	2.367	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.62	93	26575	2.534	ng/ul	97
27) 2,4-Dichlorophenol	9.83	162	18051	2.571	ng/ul#	89
28) Naphthalene	10.21	128	65541	2.688	ng/ul	99
30) 4-Chloroaniline	10.34	127	23272	2.907	ng/ul	92
31) Hexachlorobutadiene	10.50	225	12794	2.725	ng/ul	93
32) Caprolactam	11.18	113	3145m	1.336	ng/ul	
33) 4-Chloro-3-methylphenol	11.49	107	17244	2.148	ng/ul	93
34) 2-Methylnaphthalene	11.85	142	42781	2.526	ng/ul	94
35) 1-Methylnaphthalene	12.06	142	46923	2.765	ng/uL	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1,2,4,5-Tetrachlorobenzene	12.23	216	22042	2.575	ng/ul	95
39) 2,4,6-Trichlorophenol	12.49	196	10939	2.014	ng/ul#	91
40) 2,4,5-Trichlorophenol	12.57	196	12559m	2.155	ng/ul	
41) 1,1'-Biphenyl	12.88	154	57821	2.607	ng/ul	96
42) 2-Chloronaphthalene	12.92	162	44758	2.541	ng/ul	98
43) 2-Nitroaniline	13.15	65	12601	1.956	ng/ul	98
45) Dimethylphthalate	13.53	163	59526	2.645	ng/ul	98
46) 2,6-Dinitrotoluene	13.66	165	8952	2.032	ng/ul#	74
48) Acenaphthylene	13.77	152	71073	2.585	ng/ul	99
49) 3-Nitroaniline	14.00	138	7663	1.884	ng/ul#	87
50) Acenaphthene	14.12	153	50030	2.654	ng/ul	97
53) 4-Nitrophenol	14.30	109	8146	2.292	ng/ul#	80
54) Dibenzofuran	14.46	168	69894	2.642	ng/ul	98
55) 2,4-Dinitrotoluene	14.46	165	14180	2.172	ng/ul#	74
56) 2,3,4,6-Tetrachlorophenol	14.70	232	10296	2.055	ng/ul#	95
57) Diethylphthalate	14.91	149	58384	2.526	ng/ul	97
59) Fluorene	15.12	166	58835	2.650	ng/ul	97
60) 4-Chlorophenyl-phenylether	15.12	204	29647	2.708	ng/ul	96
61) 4-Nitroaniline	15.16	138	9164m	1.847	ng/ul	
64) 4,6-Dinitro-2-methylphenol	15.23	198	9194	2.196	ng/ul#	16
65) N-Nitrosodiphenylamine	15.34	169	46801	2.521	ng/ul	98
66) 4-Bromophenyl-phenylether	16.02	248	15236	2.434	ng/ul	98
67) Hexachlorobenzene	16.13	284	17746	2.562	ng/ul	96
68) Atrazine	16.30	200	15012	2.132	ng/ul	97
69) Pentachlorophenol	16.49	266	5254	1.313	ng/ul#	85
70) Phenanthrene	16.85	178	94565	2.649	ng/ul	98
72) Anthracene	16.95	178	97444	2.670	ng/ul	96
73) 1,2,3,4-Tetrachlorobenzene	12.84	216	25623	2.803	ng/ul	96
74) Pentachlorobenzene	14.39	250	22193	2.518	ng/ul	98
75) Carbazole	17.23	167	71139	2.213	ng/ul	97
76) Di-n-butylphthalate	17.80	149	83990	2.117	ng/ul	99
77) Fluoranthene	18.89	202	101596	2.429	ng/ul	99
80) Pyrene	19.25	202	117236	2.607	ng/ul	99
81) Butylbenzylphthalate	20.18	149	33608	1.818	ng/ul	95
82) 3,3'-Dichlorobenzidine	20.96	252	27403	2.015	ng/ul	95
83) Benzo(a)anthracene	21.01	228	103536	2.415	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	20.97	149	52246	1.851	ng/ul#	98
85) Chrysene	21.06	228	100555	2.383	ng/ul	95
87) Di-n-octyl phthalate	21.82	149	82699	1.738	ng/ul	100
88) Benzo(b)fluoranthene	22.52	252	101514	2.490	ng/ul	94
89) Benzo(k)fluoranthene	22.56	252	95040	2.462	ng/ul	98
91) Benzo(a)pyrene	23.05	252	97064	2.647	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.20	276	103388	2.375	ng/ul	98
93) Dibenzo(a,h)anthracene	25.20	278	87614	2.352	ng/ul	97
94) Benzo(g,h,i)perylene	25.82	276	89636	2.455	ng/ul	98

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

