

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN022620\
 Data File : BN009928.D
 Acq On : 26 Feb 2020 14:29
 Operator : CG/JU
 Sample : K5695-06
 Misc : ME-SOIL-MDL-06
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MDL-SOIL-06

Manual Integrations
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mohammad
 2/27/2020 4:57:11 PM

Quant Time: Feb 26 15:13:29 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	7.39	152	79107	20.00	ng/ul	0.00
18) Naphthalene-d8	10.13	136	334806	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.02	164	213609	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.78	188	467626	20.00	ng/ul	0.00
78) Chrysene-d12	21.00	240	455193	20.00	ng/ul	0.00
86) Perylene-d12	23.10	264	469108	20.00	ng/ul	0.00

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.03	96	9653	5.02	ng/uL	0.00
5) Phenol-d5	6.59	99	213737	31.76	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.74	67	155343	33.45	ng/ul	0.00
9) 2-Chlorophenol-d4	6.93	132	169656	33.49	ng/ul	0.00
13) 4-Methylphenol-d8	8.10	113	172385	32.21	ng/ul	0.00
19) Nitrobenzene-d5	8.53	128	84004	34.29	ng/ul	0.00
22) 2-Nitrophenol-d4	9.24	143	93331	34.83	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.78	165	169003	32.81	ng/ul	0.00
29) 4-Chloroaniline-d4	10.29	131	234450	40.51	ng/ul	0.00
44) Dimethylphthalate-d6	13.45	166	564999	35.41	ng/ul	0.00
47) Acenaphthylene-d8	13.71	160	672855	35.81	ng/ul	0.00
52) 4-Nitrophenol-d4	14.27	143	71865	24.66	ng/ul	0.00
58) Fluorene-d10	15.03	176	476261	34.57	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.19	200	75842	26.11	ng/ul	0.00
71) Anthracene-d10	16.88	188	725643	33.85	ng/ul	0.00
79) Pyrene-d10	19.19	212	818851	34.42	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.97	264	781854	33.37	ng/ul	0.00

Target Compounds				Ovalue		
2) 1,4-Dioxane	3.06	88	1808	0.818	ng/uL#	87
4) Benzaldehyde	6.56	77	15884	3.550	ng/ul	85
6) Phenol	6.62	94	21876	3.034	ng/ul	88
8) Bis(2-Chloroethyl)ether	6.83	93	18226	3.216	ng/ul	95
10) 2-Chlorophenol	6.96	128	16077	3.013	ng/ul	96
11) 2-Methylphenol	7.84	108	13571	2.572	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	7.92	45	51213	3.686	ng/ul	98
14) Acetophenone	8.21	105	24952	2.861	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.19	70	13509	2.964	ng/ul	91
16) 4-Methylphenol	8.17	108	17282	2.985	ng/ul	98
17) Hexachloroethane	8.43	117	7333	3.021	ng/ul	94
20) Nitrobenzene	8.57	77	23211	3.216	ng/ul	95
21) Isophorone	9.09	82	36971	2.910	ng/ul#	96
23) 2-Nitrophenol	9.27	139	9192	3.066	ng/ul	96
24) 2,4-Dimethylphenol	9.35	107	20213	3.105	ng/ul	92
25) Bis(2-Chloroethoxy)methane	9.58	93	22331	2.876	ng/ul	98
27) 2,4-Dichlorophenol	9.80	162	16135	3.105	ng/ul	95
28) Naphthalene	10.18	128	57754	3.199	ng/ul	97
30) 4-Chloroaniline	10.31	127	21023	3.547	ng/ul	95
31) Hexachlorobutadiene	10.47	225	11013	3.169	ng/ul	90
32) Caprolactam	11.16	113	2438m	1.399	ng/ul	
33) 4-Chloro-3-methylphenol	11.47	107	15914	2.678	ng/ul	92
34) 2-Methylnaphthalene	11.81	142	38967	3.108	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.03	142	42505	3.383	ng/uL	97
37) 1,2,4,5-Tetrachlorobenzene	12.20	216	21010	3.318	ng/uL	94
38) Hexachlorocyclopentadiene	12.16	237	2038	0.744	ng/uL#	94
39) 2,4,6-Trichlorophenol	12.46	196	9332	2.322	ng/uL	96
40) 2,4,5-Trichlorophenol	12.55	196	12395m	2.875	ng/uL	
41) 1,1'-Biphenyl	12.85	154	52138	3.178	ng/uL	96
42) 2-Chloronaphthalene	12.89	162	40599	3.116	ng/uL#	88
43) 2-Nitroaniline	13.12	65	11262	2.364	ng/uL	90
45) Dimethylphthalate	13.50	163	54455	3.271	ng/uL	98
46) 2,6-Dinitrotoluene	13.63	165	7710	2.366	ng/uL#	84
48) Acenaphthylene	13.74	152	67807	3.334	ng/uL	99
49) 3-Nitroaniline	13.97	138	6879	2.286	ng/uL#	97
50) Acenaphthene	14.09	153	44067	3.161	ng/uL	97
51) 2,4-Dinitrophenol	14.22	184	1219m	0.651	ng/uL	
53) 4-Nitrophenol	14.29	109	6916	2.630	ng/uL#	74
54) Dibenzofuran	14.43	168	62445	3.191	ng/uL	94
55) 2,4-Dinitrotoluene	14.44	165	13144	2.721	ng/uL#	73
56) 2,3,4,6-Tetrachlorophenol	14.68	232	9909	2.673	ng/uL#	98
57) Diethylphthalate	14.88	149	53161	3.110	ng/uL	94
59) Fluorene	15.09	166	54742	3.333	ng/uL	96
60) 4-Chlorophenyl-phenylether	15.09	204	25785	3.183	ng/uL	98
61) 4-Nitroaniline	15.15	138	7585m	2.067	ng/uL	
64) 4,6-Dinitro-2-methylphenol	15.20	198	7487	2.393	ng/uL#	28
65) N-Nitrosodiphenylamine	15.31	169	42973	3.097	ng/uL	98
66) 4-Bromophenyl-phenylether	15.99	248	14270	3.050	ng/uL#	87
67) Hexachlorobenzene	16.09	284	15493	2.992	ng/uL	91
68) Atrazine	16.29	200	13680	2.599	ng/uL	90
69) Pentachlorophenol	16.46	266	4327	1.446	ng/uL#	79
70) Phenanthrene	16.82	178	85080	3.188	ng/uL	100
72) Anthracene	16.92	178	88785	3.254	ng/uL	99
73) 1,2,3,4-Tetrachlorobenzene	12.81	216	22239	3.255	ng/uL	98
74) Pentachlorobenzene	14.36	250	20235	3.071	ng/uL	89
75) Carbazole	17.21	167	59984	2.497	ng/uL	98
76) Di-n-butylphthalate	17.77	149	74392	2.509	ng/uL	97
77) Fluoranthene	18.86	202	91785	2.936	ng/uL	96
80) Pvrene	19.22	202	106924	3.258	ng/uL	96
81) Butylbenzylphthalate	20.16	149	30287	2.245	ng/uL	98
82) 3,3'-Dichlorobenzidine	20.94	252	24869	2.506	ng/uL	94
83) Benzo(a)anthracene	20.99	228	90043	2.878	ng/uL	98
84) Bis(2-ethylhexyl)phthalate	20.95	149	47642	2.313	ng/uL	98
85) Chrysene	21.04	228	94698	3.075	ng/uL	100
87) Di-n-octyl phthalate	21.79	149	80239	2.260	ng/uL	100
88) Benzo(b)fluoranthene	22.49	252	88269	2.902	ng/uL	99
89) Benzo(k)fluoranthene	22.53	252	92954	3.228	ng/uL	98
91) Benzo(a)pyrene	23.01	252	88449	3.233	ng/uL#	94
92) Indeno(1,2,3-cd)pyrene	25.14	276	89041	2.742	ng/uL	91
93) Dibenzo(a,h)anthracene	25.15	278	74521	2.682	ng/uL	97
94) Benzo(a,h,i)perylene	25.77	276	77176	2.834	ng/uL	96

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

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

