

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN021420\
 Data File : BN009723.D
 Acq On : 14 Feb 2020 13:37
 Operator : CG/JU
 Sample : K5695-10
 Misc : MDL-WATER-03
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleID :
 MDL-WATER-03

Manual Integrations
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mohammad
 2/17/2020 3:50:07 PM

Quant Time: Feb 17 01:32:40 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	107849	20.00	ng/ul	0.00
18) Naphthalene-d8	10.16	136	460354	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.06	164	298945	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.82	188	644248	20.00	ng/ul	0.00
78) Chrysene-d12	21.03	240	626464	20.00	ng/ul	0.00
86) Perylene-d12	23.14	264	629255	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.06	96	11599	4.42	ng/uL	0.00
5) Phenol-d5	6.62	99	287736	31.36	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.78	67	208437	32.93	ng/ul	0.00
9) 2-Chlorophenol-d4	6.96	132	228374	33.07	ng/ul	0.00
13) 4-Methylphenol-d8	8.13	113	234463	32.13	ng/ul	0.00
19) Nitrobenzene-d5	8.56	128	114512	34.00	ng/ul	0.00
22) 2-Nitrophenol-d4	9.28	143	124572	33.81	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.80	165	222717	31.44	ng/ul	0.00
29) 4-Chloroaniline-d4	10.32	131	319313	40.12	ng/ul	0.00
44) Dimethylphthalate-d6	13.48	166	751960	33.68	ng/ul	0.00
47) Acenaphthylene-d8	13.75	160	901798	34.29	ng/ul	0.00
52) 4-Nitrophenol-d4	14.29	143	111729	27.40	ng/ul	0.00
58) Fluorene-d10	15.06	176	630993	32.73	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.22	200	112054	28.00	ng/ul	0.00
71) Anthracene-d10	16.91	188	979372	33.16	ng/ul	0.00
79) Pyrene-d10	19.22	212	1062994	32.46	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.01	264	1016982	32.36	ng/ul	0.00

Target Compounds

					Qvalue	
2) 1,4-Dioxane	3.09	88	2829	0.94	ng/uL#	83
4) Benzaldehyde	6.59	77	23453	3.84	ng/ul	84
6) Phenol	6.65	94	30265	3.08	ng/ul#	90
8) Bis(2-Chloroethyl)ether	6.87	93	25436	3.29	ng/ul	91
10) 2-Chlorophenol	6.99	128	22769	3.13	ng/ul	94
11) 2-Methylphenol	7.88	108	20520	2.85	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	7.96	45	67482	3.56	ng/ul	100
14) Acetophenone	8.24	105	39370	3.31	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.23	70	20128	3.24	ng/ul#	88
16) 4-Methylphenol	8.19	108	24388	3.09	ng/ul#	78
17) Hexachloroethane	8.47	117	11147	3.37	ng/ul	83
20) Nitrobenzene	8.60	77	33641	3.39	ng/ul	97
21) Isophorone	9.13	82	52799	3.02	ng/ul	99
23) 2-Nitrophenol	9.30	139	13799	3.35	ng/ul	93
24) 2,4-Dimethylphenol	9.38	107	28475	3.18	ng/ul	96
25) Bis(2-Chloroethoxy)methane	9.61	93	34480	3.23	ng/ul	99
27) 2,4-Dichlorophenol	9.83	162	21735	3.04	ng/ul#	75
28) Naphthalene	10.22	128	84273	3.39	ng/ul	99
30) 4-Chloroaniline	10.35	127	29779	3.65	ng/ul	96
31) Hexachlorobutadiene	10.50	225	16120	3.37	ng/ul	91
32) Caprolactam	11.17	113	4713m	1.97	ng/ul	
33) 4-Chloro-3-methylphenol	11.49	107	22626	2.77	ng/ul	98
34) 2-Methylnaphthalene	11.85	142	54431	3.16	ng/ul	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.06	142	60393	3.50	ng/uL	99
37) 1,2,4,5-Tetrachlorobenzene	12.23	216	29303	3.31	ng/ul	99
38) Hexachlorocyclopentadiene	12.20	237	4143	1.08	ng/ul	97
39) 2,4,6-Trichlorophenol	12.49	196	15619	2.78	ng/ul	94
40) 2,4,5-Trichlorophenol	12.56	196	15977	2.65	ng/ul	98
41) 1,1'-Biphenyl	12.89	154	76786	3.34	ng/ul	96
42) 2-Chloronaphthalene	12.92	162	60731	3.33	ng/ul	95
43) 2-Nitroaniline	13.15	65	16909	2.54	ng/ul#	88
45) Dimethylphthalate	13.53	163	79678	3.42	ng/ul	99
46) 2,6-Dinitrotoluene	13.66	165	12371	2.71	ng/ul	98
48) Acenaphthylene	13.77	152	96475	3.39	ng/ul	97
49) 3-Nitroaniline	13.99	138	11312	2.69	ng/ul	93
50) Acenaphthene	14.12	153	65352	3.35	ng/ul	96
51) 2,4-Dinitrophenol	14.23	184	2745	1.05	ng/ul	94
53) 4-Nitrophenol	14.31	109	10767	2.93	ng/ul	92
54) Dibenzofuran	14.46	168	89793	3.28	ng/ul	97
55) 2,4-Dinitrotoluene	14.46	165	19378	2.87	ng/ul#	93
56) 2,3,4,6-Tetrachlorophenol	14.71	232	14170	2.73	ng/ul#	94
57) Diethylphthalate	14.91	149	76317	3.19	ng/ul	99
59) Fluorene	15.12	166	74282	3.23	ng/ul	96
60) 4-Chlorophenyl-phenylether	15.12	204	38137	3.36	ng/ul	97
61) 4-Nitroaniline	15.16	138	10564	2.06	ng/ul	91
64) 4,6-Dinitro-2-methylphenol	15.23	198	11656	2.70	ng/ul#	40
65) N-Nitrosodiphenylamine	15.34	169	62429	3.27	ng/ul	98
66) 4-Bromophenyl-phenylether	16.02	248	20610	3.20	ng/ul	91
67) Hexachlorobenzene	16.13	284	23041	3.23	ng/ul	95
68) Atrazine	16.31	200	19590	2.70	ng/ul	94
69) Pentachlorophenol	16.49	266	7563	1.83	ng/ul	90
70) Phenanthrene	16.85	178	120036	3.26	ng/ul	97
72) Anthracene	16.95	178	124344	3.31	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	12.84	216	32053	3.41	ng/uL	89
74) Pentachlorobenzene	14.39	250	27950	3.08	ng/uL	91
75) Carbazole	17.23	167	92776	2.80	ng/ul	96
76) Di-n-butylphthalate	17.80	149	110445	2.70	ng/ul	99
77) Fluoranthene	18.89	202	134090	3.11	ng/ul	98
80) Pyrene	19.25	202	147396	3.26	ng/ul	96
81) Butylbenzylphthalate	20.18	149	44516	2.40	ng/ul	95
82) 3,3'-Dichlorobenzidine	20.96	252	36117	2.64	ng/ul#	93
83) Benzo(a)anthracene	21.02	228	128522	2.99	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	20.97	149	66832	2.36	ng/ul	94
85) Chrysene	21.07	228	131834	3.11	ng/ul	97
87) Di-n-octyl phthalate	21.82	149	113026	2.37	ng/ul	100
88) Benzo(b)fluoranthene	22.52	252	119641	2.93	ng/ul	99
89) Benzo(k)fluoranthene	22.56	252	133090	3.45	ng/ul	95
91) Benzo(a)pyrene	23.05	252	117650	3.21	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.20	276	138219	3.17	ng/ul	99
93) Dibenzo(a,h)anthracene	25.20	278	116517	3.13	ng/ul	99
94) Benzo(g,h,i)perylene	25.82	276	113668	3.11	ng/ul	95

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

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

