

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN021420\
 Data File : BN009725.D
 Acq On : 14 Feb 2020 14:49
 Operator : CG/JU
 Sample : K5695-12
 Misc : MDL-WATER-05
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MDL-WATER-05

Manual Integrations
 APPROVED

mohammad
 2/17/2020 3:50:23 PM

Quant Time: Feb 17 01:38:35 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	114348	20.00	ng/ul	0.00
18) Naphthalene-d8	10.17	136	464687	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.06	164	284103	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.81	188	593841	20.00	ng/ul	0.00
78) Chrysene-d12	21.03	240	578179	20.00	ng/ul	0.00
86) Perylene-d12	23.14	264	597979	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.06	96	12750	4.59	ng/uL	0.00
5) Phenol-d5	6.62	99	280886	28.88	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.78	67	204037	30.40	ng/ul	0.00
9) 2-Chlorophenol-d4	6.96	132	225693	30.82	ng/ul	0.00
13) 4-Methylphenol-d8	8.13	113	220267	28.47	ng/ul	0.00
19) Nitrobenzene-d5	8.56	128	105119	30.92	ng/ul	0.00
22) 2-Nitrophenol-d4	9.27	143	115916	31.17	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.80	165	207314	29.00	ng/ul	0.00
29) 4-Chloroaniline-d4	10.32	131	295184	36.75	ng/ul	0.00
44) Dimethylphthalate-d6	13.48	166	650079	30.63	ng/ul	0.00
47) Acenaphthylene-d8	13.75	160	797466	31.91	ng/ul	0.00
52) 4-Nitrophenol-d4	14.30	143	94477	24.38	ng/ul	0.00
58) Fluorene-d10	15.06	176	556402	30.37	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.22	200	92264	25.01	ng/ul	0.00
71) Anthracene-d10	16.91	188	837430	30.76	ng/ul	0.00
79) Pyrene-d10	19.22	212	939954	31.10	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.00	264	892035	29.87	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.09	88	2648	0.83 ng/uL	88
4) Benzaldehyde	6.59	77	22183	3.43 ng/ul	95
6) Phenol	6.65	94	29719	2.85 ng/ul	91
8) Bis(2-Chloroethyl)ether	6.87	93	24769	3.02 ng/ul	92
10) 2-Chlorophenol	6.99	128	22822	2.96 ng/ul	95
11) 2-Methylphenol	7.88	108	20090	2.63 ng/ul	93
12) 2,2'-oxybis(1-Chloropropan	7.95	45	62398	3.11 ng/ul#	94
14) Acetophenone	8.24	105	35236	2.79 ng/ul	95
15) N-Nitroso-di-n-propylamine	8.23	70	17147	2.60 ng/ul#	98
16) 4-Methylphenol	8.20	108	23397	2.80 ng/ul	97
17) Hexachloroethane	8.46	117	10065	2.87 ng/ul	98
20) Nitrobenzene	8.60	77	30015	3.00 ng/ul	98
21) Isophorone	9.13	82	45640	2.59 ng/ul#	98
23) 2-Nitrophenol	9.31	139	11806	2.84 ng/ul	96
24) 2,4-Dimethylphenol	9.37	107	25227	2.79 ng/ul	95
25) Bis(2-Chloroethoxy)methane	9.61	93	30433	2.82 ng/ul	99
27) 2,4-Dichlorophenol	9.83	162	21474	2.98 ng/ul#	88
28) Naphthalene	10.22	128	78178	3.12 ng/ul	99
30) 4-Chloroaniline	10.35	127	26174	3.18 ng/ul	90
31) Hexachlorobutadiene	10.50	225	14496	3.00 ng/ul	92
32) Caprolactam	11.18	113	4207m	1.74 ng/ul	
33) 4-Chloro-3-methylphenol	11.49	107	19882	2.41 ng/ul	95
34) 2-Methylnaphthalene	11.85	142	50088	2.88 ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.06	142	55274	3.17	ng/uL	97
37) 1,2,4,5-Tetrachlorobenzene	12.23	216	26367	3.13	ng/ul	97
38) Hexachlorocyclopentadiene	12.20	237	4011	1.10	ng/ul#	85
39) 2,4,6-Trichlorophenol	12.49	196	13169	2.46	ng/ul#	86
40) 2,4,5-Trichlorophenol	12.56	196	13087	2.28	ng/ul	93
41) 1,1'-Biphenyl	12.88	154	66926	3.07	ng/ul	98
42) 2-Chloronaphthalene	12.92	162	52667	3.04	ng/ul	97
43) 2-Nitroaniline	13.15	65	14742	2.33	ng/ul	91
45) Dimethylphthalate	13.53	163	67382	3.04	ng/ul	97
46) 2,6-Dinitrotoluene	13.66	165	10019	2.31	ng/ul	95
48) Acenaphthylene	13.77	152	85171	3.15	ng/ul	99
49) 3-Nitroaniline	14.00	138	9169	2.29	ng/ul#	92
50) Acenaphthene	14.12	153	57070	3.08	ng/ul	98
51) 2,4-Dinitrophenol	14.23	184	2179m	0.88	ng/ul	
53) 4-Nitrophenol	14.31	109	9129	2.61	ng/ul	91
54) Dibenzofuran	14.46	168	80568	3.10	ng/ul	95
55) 2,4-Dinitrotoluene	14.46	165	15424	2.40	ng/ul#	71
56) 2,3,4,6-Tetrachlorophenol	14.70	232	11758	2.39	ng/ul#	88
57) Diethylphthalate	14.91	149	62387	2.74	ng/ul	98
59) Fluorene	15.12	166	66214	3.03	ng/ul	97
60) 4-Chlorophenyl-phenylether	15.12	204	33184	3.08	ng/ul	97
61) 4-Nitroaniline	15.16	138	8643	1.77	ng/ul#	73
64) 4,6-Dinitro-2-methylphenol	15.23	198	9314	2.34	ng/ul#	35
65) N-Nitrosodiphenylamine	15.34	169	52777	3.00	ng/ul	97
66) 4-Bromophenyl-phenylether	16.02	248	17196	2.89	ng/ul	94
67) Hexachlorobenzene	16.13	284	20280	3.08	ng/ul	91
68) Atrazine	16.31	200	17012	2.55	ng/ul	93
69) Pentachlorophenol	16.49	266	6527	1.72	ng/ul#	77
70) Phenanthrene	16.85	178	106263	3.14	ng/ul	99
72) Anthracene	16.95	178	104071	3.00	ng/ul	97
73) 1,2,3,4-Tetrachlorobenzene	12.85	216	28271	3.26	ng/uL	93
74) Pentachlorobenzene	14.39	250	25482	3.05	ng/uL	93
75) Carbazole	17.23	167	77118	2.53	ng/ul	98
76) Di-n-butylphthalate	17.80	149	101219	2.69	ng/ul	99
77) Fluoranthene	18.89	202	108472	2.73	ng/ul	98
80) Pyrene	19.25	202	125712	3.02	ng/ul	98
81) Butylbenzylphthalate	20.18	149	36437	2.13	ng/ul	94
82) 3,3'-Dichlorobenzidine	20.96	252	31364	2.49	ng/ul	97
83) Benzo(a)anthracene	21.01	228	106249	2.67	ng/ul	95
84) Bis(2-ethylhexyl)phthalate	20.97	149	58778	2.25	ng/ul#	94
85) Chrysene	21.06	228	113477	2.90	ng/ul	97
87) Di-n-octyl phthalate	21.82	149	93662	2.07	ng/ul	100
88) Benzo(b)fluoranthene	22.52	252	108957	2.81	ng/ul	96
89) Benzo(k)fluoranthene	22.56	252	110659	3.01	ng/ul	100
91) Benzo(a)pyrene	23.04	252	105983	3.04	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	25.20	276	112609	2.72	ng/ul#	93
93) Dibenzo(a,h)anthracene	25.21	278	97098	2.74	ng/ul#	92
94) Benzo(g,h,i)perylene	25.82	276	97010	2.79	ng/ul	97

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

