

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN021420\
 Data File : BN009721.D
 Acq On : 14 Feb 2020 12:25
 Operator : CG/JU
 Sample : K5695-08
 Misc : MDL-WATER-01
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MDL-WATER-01

Manual Integrations
 APPROVED

mohammad
 2/17/2020 3:50:01 PM

Quant Time: Feb 17 01:14:09 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	97408	20.00	ng/ul	0.00
18) Naphthalene-d8	10.17	136	400286	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.06	164	249838	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.82	188	545851	20.00	ng/ul	0.00
78) Chrysene-d12	21.03	240	529364	20.00	ng/ul	0.00
86) Perylene-d12	23.14	264	529245	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.06	96	12141	5.13	ng/uL	0.00
5) Phenol-d5	6.62	99	294472	35.54	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.78	67	210806	36.87	ng/ul	0.00
9) 2-Chlorophenol-d4	6.96	132	232316	37.24	ng/ul	0.00
13) 4-Methylphenol-d8	8.13	113	232864	35.33	ng/ul	0.00
19) Nitrobenzene-d5	8.56	128	115421	39.41	ng/ul	0.00
22) 2-Nitrophenol-d4	9.28	143	125603	39.20	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.80	165	230107	37.36	ng/ul	0.00
29) 4-Chloroaniline-d4	10.32	131	316826	45.79	ng/ul	0.00
44) Dimethylphthalate-d6	13.49	166	740194	39.66	ng/ul	0.00
47) Acenaphthylene-d8	13.75	160	902474	41.06	ng/ul	0.00
52) 4-Nitrophenol-d4	14.29	143	107823	31.64	ng/ul	0.00
58) Fluorene-d10	15.06	176	613265	38.06	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.22	200	107888	31.82	ng/ul	0.00
71) Anthracene-d10	16.91	188	952999	38.09	ng/ul	0.00
79) Pyrene-d10	19.22	212	1041446	37.64	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.00	264	1015615	38.43	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.09	88	2908	1.07 ng/uL#	81
4) Benzaldehyde	6.59	77	25459	4.62 ng/ul	97
6) Phenol	6.65	94	34469	3.88 ng/ul#	86
8) Bis(2-Chloroethyl)ether	6.87	93	27772	3.98 ng/ul	98
10) 2-Chlorophenol	6.99	128	26822	4.08 ng/ul	96
11) 2-Methylphenol	7.88	108	24863	3.83 ng/ul	90
12) 2,2'-oxybis(1-Chloropropan	7.96	45	73088	4.27 ng/ul	99
14) Acetophenone	8.24	105	42192	3.93 ng/ul	95
15) N-Nitroso-di-n-propylamine	8.23	70	21827	3.89 ng/ul	86
16) 4-Methylphenol	8.20	108	26636	3.74 ng/ul	99
17) Hexachloroethane	8.47	117	12105	4.05 ng/ul	97
20) Nitrobenzene	8.60	77	36284	4.20 ng/ul	98
21) Isophorone	9.13	82	58594	3.86 ng/ul	97
23) 2-Nitrophenol	9.30	139	14626	4.08 ng/ul	94
24) 2,4-Dimethylphenol	9.38	107	31054	3.99 ng/ul	96
25) Bis(2-Chloroethoxy)methane	9.62	93	37264	4.01 ng/ul	96
27) 2,4-Dichlorophenol	9.83	162	25329	4.08 ng/ul#	76
28) Naphthalene	10.22	128	91982	4.26 ng/ul	99
30) 4-Chloroaniline	10.35	127	32521	4.59 ng/ul	95
31) Hexachlorobutadiene	10.50	225	18306	4.41 ng/ul	95
32) Caprolactam	11.18	113	5361m	2.57 ng/ul	
33) 4-Chloro-3-methylphenol	11.49	107	25234	3.55 ng/ul	92
34) 2-Methylnaphthalene	11.85	142	59741	3.99 ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.06	142	65855	4.38	ng/uL	99
37) 1,2,4,5-Tetrachlorobenzene	12.23	216	30860	4.17	ng/ul	98
38) Hexachlorocyclopentadiene	12.20	237	5121	1.60	ng/ul	94
39) 2,4,6-Trichlorophenol	12.49	196	15959	3.40	ng/ul	89
40) 2,4,5-Trichlorophenol	12.56	196	18519	3.67	ng/ul	99
41) 1,1'-Biphenyl	12.88	154	83180	4.33	ng/ul#	89
42) 2-Chloronaphthalene	12.92	162	63207	4.15	ng/ul	94
43) 2-Nitroaniline	13.15	65	18900	3.39	ng/ul	93
45) Dimethylphthalate	13.53	163	82165	4.22	ng/ul	99
46) 2,6-Dinitrotoluene	13.66	165	13276	3.48	ng/ul	92
48) Acenaphthylene	13.77	152	102237	4.30	ng/ul	100
49) 3-Nitroaniline	13.99	138	12781	3.63	ng/ul	96
50) Acenaphthene	14.12	153	69967	4.29	ng/ul	100
51) 2,4-Dinitrophenol	14.22	184	3337	1.52	ng/ul#	85
53) 4-Nitrophenol	14.31	109	11183	3.64	ng/ul#	77
54) Dibenzofuran	14.46	168	97880	4.28	ng/ul	96
55) 2,4-Dinitrotoluene	14.46	165	20550	3.64	ng/ul	94
56) 2,3,4,6-Tetrachlorophenol	14.70	232	15934	3.68	ng/ul#	92
57) Diethylphthalate	14.92	149	82719	4.14	ng/ul	98
59) Fluorene	15.12	166	82448	4.29	ng/ul	96
60) 4-Chlorophenyl-phenylether	15.12	204	40141	4.24	ng/ul	98
61) 4-Nitroaniline	15.16	138	11105	2.59	ng/ul	92
64) 4,6-Dinitro-2-methylphenol	15.23	198	12405	3.40	ng/ul#	53
65) N-Nitrosodiphenylamine	15.34	169	66686	4.12	ng/ul	99
66) 4-Bromophenyl-phenylether	16.02	248	21902	4.01	ng/ul	88
67) Hexachlorobenzene	16.13	284	25137	4.16	ng/ul	93
68) Atrazine	16.30	200	20903	3.40	ng/ul	94
69) Pentachlorophenol	16.49	266	8042	2.30	ng/ul#	86
70) Phenanthrene	16.86	178	129942	4.17	ng/ul	97
72) Anthracene	16.95	178	134595	4.23	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	12.85	216	34981	4.39	ng/uL	98
74) Pentachlorobenzene	14.39	250	30682	3.99	ng/uL	97
75) Carbazole	17.23	167	99484	3.55	ng/ul	97
76) Di-n-butylphthalate	17.81	149	121918	3.52	ng/ul	100
77) Fluoranthene	18.89	202	139073	3.81	ng/ul	100
80) Pyrene	19.25	202	154697	4.05	ng/ul	97
81) Butylbenzylphthalate	20.18	149	49141	3.13	ng/ul	99
82) 3,3'-Dichlorobenzidine	20.96	252	39210	3.40	ng/ul	96
83) Benzo(a)anthracene	21.02	228	140494	3.86	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	20.97	149	75348	3.15	ng/ul	100
85) Chrysene	21.07	228	147422	4.12	ng/ul	99
87) Di-n-octyl phthalate	21.82	149	125981	3.15	ng/ul	100
88) Benzo(b)fluoranthene	22.52	252	131892	3.84	ng/ul	97
89) Benzo(k)fluoranthene	22.56	252	140690	4.33	ng/ul	98
91) Benzo(a)pyrene	23.04	252	124575	4.04	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.20	276	145404	3.97	ng/ul	93
93) Dibenzo(a,h)anthracene	25.20	278	120578	3.85	ng/ul	95
94) Benzo(g,h,i)perylene	25.83	276	124466	4.05	ng/ul	97

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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

