

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031022\
 Data File : BN018898.D
 Acq On : 10 Mar 2022 11:21
 Operator : CG/JU
 Sample : N1331-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MDL-WATER-QT1-2022-02

Quant Time: Mar 10 11:58:45 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN030822.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Mar 08 14:15:20 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 03/10/2022
 Supervised By :mohammad ahmed 03/16/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.905	152	138008	20.000	ng/u1	0.00
20) Naphthalene-d8	10.710	136	646519	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.540	164	450474	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.275	188	981252	20.000	ng/u1	0.00
79) Chrysene-d12	21.451	240	1119046	20.000	ng/u1	0.00
88) Perylene-d12	23.845	264	1141419	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.270	96	18015	5.221	ng/uL	0.00
4) Pyridine-d5	3.687	84	231702	21.945	ng/u1	0.00
7) Phenol-d5	7.052	99	309448	22.967	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.222	67	203133	25.030	ng/u1	0.00
11) 2-Chlorophenol-d4	7.428	132	232429	24.071	ng/u1	0.00
15) 4-Methylphenol-d8	8.605	113	256510	23.413	ng/u1	0.00
21) Nitrobenzene-d5	9.058	128	119509	24.065	ng/u1	0.00
24) 2-Nitrophenol-d4	9.787	143	132576	24.298	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.322	165	245114	23.485	ng/u1	0.00
31) 4-Chloroaniline-d4	10.834	131	372021	23.672	ng/u1	0.00
46) Dimethylphthalate-d6	13.940	166	848813	24.887	ng/u1	0.00
49) Acenaphthylene-d8	14.228	160	1053318	24.811	ng/u1	0.00
54) 4-Nitrophenol-d4	14.716	143	153634	22.243	ng/u1	0.00
60) Fluorene-d10	15.528	176	749031	25.265	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.634	200	129997	21.377	ng/u1	0.00
73) Anthracene-d10	17.375	188	1204574	25.665	ng/u1	0.00
81) Pyrene-d10	19.663	212	1485976	24.538	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.686	264	1542529	25.930	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.305	88	4041	1.079	ng/uL#	88
5) Pyridine	3.711	79	41151	3.779	ng/u1#	59
6) Benzaldehyde	7.028	77	33030	4.814	ng/u1	97
8) Phenol	7.081	94	62328	4.421	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.316	93	49917	4.590	ng/u1	97
12) 2-Chlorophenol	7.464	128	46515	4.543	ng/u1	98
13) 2-Methylphenol	8.340	108	40953	3.891	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.434	45	75914	4.890	ng/u1	98
16) Acetophenone	8.722	105	76741	4.520	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.705	70	38218	4.417	ng/u1	98
18) 4-Methylphenol	8.669	108	52261	4.440	ng/u1	99
19) Hexachloroethane	8.993	117	17575	4.399	ng/u1	96
22) Nitrobenzene	9.099	77	59628	4.626	ng/u1	98
23) Isophorone	9.628	82	97109	3.943	ng/u1	98
25) 2-Nitrophenol	9.816	139	27028	4.457	ng/u1	95
26) 2,4-Dimethylphenol	9.875	107	57242	4.346	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.110	93	71719	4.613	ng/u1	99
29) 2,4-Dichlorophenol	10.352	162	49010	4.615	ng/u1	98
30) Naphthalene	10.757	128	169156	4.748	ng/u1	100
32) 4-Chloroaniline	10.857	127	73929	4.534	ng/u1	97
33) Hexachlorobutadiene	11.057	225	31042	4.653	ng/u1	95
34) Caprolactam	11.616	113	12931m	3.349	ng/u1	
35) 4-Chloro-3-methylphenol	11.981	107	50460	4.058	ng/u1	97
36) 2-Methylnaphthalene	12.369	142	119788	4.782	ng/u1	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.587	142	102487	3.962	ng/ul	94
39) 1,2,4,5-Tetrachloroben...	12.740	216	65129	4.729	ng/ul	96
40) Hexachlorocyclopentadiene	12.722	237	39000	4.820	ng/ul	99
41) 2,4,6-Trichlorophenol	12.975	196	33814	3.798	ng/ul	95
42) 2,4,5-Trichlorophenol	13.040	196	38675	3.933	ng/ul	92
43) 1,1'-Biphenyl	13.375	154	170850	4.825	ng/ul	96
44) 2-Chloronaphthalene	13.416	162	129120	4.735	ng/ul	98
45) 2-Nitroaniline	13.610	65	28308	3.483	ng/ul	99
47) Dimethylphthalate	13.987	163	165301	4.727	ng/ul	100
48) 2,6-Dinitrotoluene	14.104	165	24201	3.612	ng/ul	96
50) Acenaphthylene	14.257	152	213633	4.812	ng/ul	100
51) 3-Nitroaniline	14.428	138	26933	4.149	ng/ul	92
52) Acenaphthene	14.598	153	139899	4.814	ng/ul	98
53) 2,4-Dinitrophenol	14.634	184	21938m	5.121	ng/ul	
55) 4-Nitrophenol	14.728	109	26021	4.375	ng/ul	95
56) Dibenzofuran	14.934	168	207981	4.954	ng/ul	98
57) 2,4-Dinitrotoluene	14.887	165	39959	3.962	ng/ul	91
58) 2,3,4,6-Tetrachlorophenol	15.157	232	31962	3.951	ng/ul	96
59) Diethylphthalate	15.351	149	154887	4.450	ng/ul	99
61) Fluorene	15.581	166	168320	5.092	ng/ul	95
62) 4-Chlorophenyl-phenyle...	15.575	204	84378	5.182	ng/ul	95
63) 4-Nitroaniline	15.587	138	28773	4.760	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.651	198	27823	4.490	ng/ul#	91
67) N-Nitrosodiphenylamine	15.781	169	138775	4.743	ng/ul	98
68) 4-Bromophenyl-phenylether	16.463	248	45878	4.536	ng/ul	97
69) Hexachlorobenzene	16.587	284	57002	4.915	ng/ul	97
70) Atrazine	16.728	200	43710	3.987	ng/ul	98
71) Pentachlorophenol	16.928	266	30175	4.176	ng/ul	97
72) Phenanthrene	17.316	178	282693	5.057	ng/ul	99
74) Anthracene	17.404	178	276033	4.952	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.346	216	57983	3.821	ng/uL	96
76) Pentachlorobenzene	14.857	250	62176	4.529	ng/uL	92
77) Carbazole	17.675	167	236400	4.697	ng/ul	99
78) Di-n-butylphthalate	18.239	149	225599	3.988	ng/ul	100
80) Fluoranthene	19.328	202	323409	4.511	ng/ul	97
82) Pyrene	19.692	202	358565	4.896	ng/ul	97
83) Butylbenzylphthalate	20.586	149	89225	3.200	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.369	252	110244	4.546	ng/ul	98
85) Benzo(a)anthracene	21.439	228	354678	4.691	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.369	149	149650	3.567	ng/ul	99
87) Chrysene	21.486	228	363209	4.961	ng/ul	98
89) Di-n-octyl phthalate	22.286	149	254731	3.561	ng/ul	100
90) Benzo(b)fluoranthene	23.116	252	382445	4.953	ng/ul	98
91) Benzo(k)fluoranthene	23.163	252	349423	4.876	ng/ul	98
93) Benzo(a)pyrene	23.739	252	381302	5.101	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.321	276	391848	4.733	ng/ul	96
95) Dibenzo(a,h)anthracene	26.333	278	337765	4.602	ng/ul	98
96) Benzo(g,h,i)perylene	27.080	276	330197	4.482	ng/ul	98

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

