

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN011624\
 Data File : BN029246.D
 Acq On : 16 Jan 2024 13:18
 Operator : MA/JU
 Sample : 03573-01
 Misc : SFAM-MDL-WATER-01
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MDL-WATER-QT3-2023-05

Quant Time: Jan 17 01:24:54 2024
 Quant Title :
 QLast Update : Tue Jan 16 03:57:40 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/17/2024
 Supervised By :mohammad ahmed 01/18/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.940	152	126847	20.000	ng/ul	0.00
20) Naphthalene-d8	10.746	136	585103	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.581	164	408454	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.333	188	933633	20.000	ng/ul	0.00
79) Chrysene-d12	21.533	240	953903	20.000	ng/ul	0.00
88) Perylene-d12	23.951	264	1123345	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.375	96	14403	4.689	ng/uL	0.00
4) Pyridine-d5	3.781	84	211807	22.358	ng/ul	0.00
7) Phenol-d5	7.105	99	243478	20.006	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.281	67	165118	21.510	ng/ul	0.00
11) 2-Chlorophenol-d4	7.469	132	189881	22.056	ng/ul	0.00
15) 4-Methylphenol-d8	8.652	113	201093	20.493	ng/ul	0.00
21) Nitrobenzene-d5	9.110	128	96040	22.625	ng/ul	0.00
24) 2-Nitrophenol-d4	9.828	143	78512	22.303	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.363	165	181735	20.740	ng/ul	0.00
31) 4-Chloroaniline-d4	10.887	131	309524	19.518	ng/ul	0.00
46) Dimethylphthalate-d6	14.004	166	720445	21.428	ng/ul	0.00
49) Acenaphthylene-d8	14.275	160	800418	21.139	ng/ul	0.00
54) 4-Nitrophenol-d4	14.781	143	104823	17.914	ng/ul	0.00
60) Fluorene-d10	15.575	176	619096	21.606	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.692	200	59256	15.092	ng/ul	0.00
73) Anthracene-d10	17.433	188	961909	20.495	ng/ul	0.00
81) Pyrene-d10	19.733	212	1166840	22.013	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.798	264	1267693	21.896	ng/ul	0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.411	88	3491m	1.120	ng/ul	
5) Pyridine	3.805	79	41839	4.323	ng/ul#	71
6) Benzaldehyde	7.087	77	35300	6.463	ng/ul	97
8) Phenol	7.128	94	49530	4.004	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.375	93	42229	4.206	ng/ul	98
12) 2-Chlorophenol	7.499	128	38780	4.327	ng/ul	98
13) 2-Methylphenol	8.387	108	35613	3.780	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.475	45	55308	4.308	ng/ul	98
16) Acetophenone	8.769	105	70925	4.266	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.757	70	36774	4.202	ng/ul	99
18) 4-Methylphenol	8.710	108	40794	4.023	ng/ul	93
19) Hexachloroethane	9.016	117	17271	4.245	ng/ul	91
22) Nitrobenzene	9.152	77	52554	4.478	ng/ul	99
23) Isophorone	9.675	82	101101	4.053	ng/ul	98
25) 2-Nitrophenol	9.857	139	17848	4.330	ng/ul	94
26) 2,4-Dimethylphenol	9.922	107	45755	4.152	ng/ul	95
27) Bis(2-Chloroethoxy)met...	10.169	93	61381	4.372	ng/ul	96
29) 2,4-Dichlorophenol	10.387	162	36882	4.280	ng/ul	94
30) Naphthalene	10.793	128	142883	4.283	ng/ul	99
32) 4-Chloroaniline	10.910	127	62353	4.042	ng/ul	98
33) Hexachlorobutadiene	11.069	225	26459	4.350	ng/ul#	90
34) Caprolactam	11.693	113	14768m	4.228	ng/ul	
35) 4-Chloro-3-methylphenol	12.028	107	40179	3.930	ng/ul	97
36) 2-Methylnaphthalene	12.404	142	98649	4.228	ng/ul	97
37) 1-Methylnaphthalene	12.622	142	101037	4.364	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) 1,2,4,5-Tetrachloroben...	12.763	216	53772	4.224	ng/ul	96
40) Hexachlorocyclopentadiene	12.740	237	36572	4.291	ng/ul#	91
41) 2,4,6-Trichlorophenol	13.010	196	24978	3.541	ng/ul	98
42) 2,4,5-Trichlorophenol	13.081	196	29813	3.765	ng/ul	97
43) 1,1'-Biphenyl	13.422	154	137029	4.163	ng/ul	99
44) 2-Chloronaphthalene	13.457	162	108613	4.224	ng/ul	97
45) 2-Nitroaniline	13.669	65	24570	3.605	ng/ul	98
47) Dimethylphthalate	14.051	163	145408	4.247	ng/ul	100
48) 2,6-Dinitrotoluene	14.169	165	19532	3.529	ng/ul	97
50) Acenaphthylene	14.304	152	181592	4.133	ng/ul	98
51) 3-Nitroaniline	14.492	138	21343	3.550	ng/ul	96
52) Acenaphthene	14.645	153	119706	4.151	ng/ul	98
53) 2,4-Dinitrophenol	14.698	184	9302	3.932	ng/ul	95
55) 4-Nitrophenol	14.792	109	22925	4.277	ng/ul	92
56) Dibenzofuran	14.981	168	162155	4.158	ng/ul	100
57) 2,4-Dinitrotoluene	14.951	165	29316	3.616	ng/ul	92
58) 2,3,4,6-Tetrachlorophenol	15.204	232	22926	3.509	ng/ul#	96
59) Diethylphthalate	15.416	149	145767	4.081	ng/ul	97
61) Fluorene	15.634	166	137254	4.064	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.634	204	69512	4.212	ng/ul	99
63) 4-Nitroaniline	15.651	138	24778m	4.185	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.710	198	16600	3.672	ng/ul	95
67) N-Nitrosodiphenylamine	15.845	169	117193	4.140	ng/ul	100
68) 4-Bromophenyl-phenylether	16.528	248	36581	3.505	ng/ul	97
69) Hexachlorobenzene	16.622	284	52706	4.196	ng/ul	95
70) Atrazine	16.804	200	48797	4.540	ng/ul	95
71) Pentachlorophenol	16.975	266	25928	3.821	ng/ul	97
72) Phenanthrene	17.375	178	222659	4.110	ng/ul	99
74) Anthracene	17.463	178	221173	3.932	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.375	216	50743	4.020	ng/uL	91
76) Pentachlorobenzene	14.892	250	60472	4.628	ng/uL	93
77) Carbazole	17.739	167	201906	3.882	ng/ul	100
78) Di-n-butylphthalate	18.328	149	227936	3.593	ng/ul	99
80) Fluoranthene	19.392	202	262736	4.195	ng/ul	99
82) Pyrene	19.757	202	288196	4.332	ng/ul	98
83) Butylbenzylphthalate	20.686	149	87418	3.361	ng/ul	93
84) 3,3'-Dichlorobenzidine	21.457	252	83222	3.760	ng/ul	95
85) Benzo(a)anthracene	21.521	228	296766	4.222	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.474	149	147447	3.433	ng/ul	99
87) Chrysene	21.574	228	271246	4.172	ng/ul	99
89) Di-n-octyl phthalate	22.427	149	225819	2.852	ng/ul	100
90) Benzo(b)fluoranthene	23.215	252	281547	3.952	ng/ul	98
91) Benzo(k)fluoranthene	23.263	252	291681	4.109	ng/ul	96
93) Benzo(a)pyrene	23.845	252	277392	4.107	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.445	276	321316	3.759	ng/ul	99
95) Dibenzo(a,h)anthracene	26.486	278	273393	3.835	ng/ul	99
96) Benzo(g,h,i)perylene	27.215	276	255302	3.740	ng/ul	96

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

