

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091124\
 Data File : BN033856.D
 Acq On : 11 Sep 2024 10:57
 Operator : JU/RC
 Sample : P3391-01
 Misc : SFAM-MDL-Q3-SOIL-01
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 MDL-WATER-QT3-2024-05

Quant Time: Sep 11 11:29:40 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN091124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Sep 11 01:58:59 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut
 Upadhyay

Supervised By :mohammad
 ahmed
 09/13/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.498	152	150406	20.000	ng/u1	0.00
20) Naphthalene-d8	10.257	136	670046	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.139	164	442853	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.892	188	979869	20.000	ng/u1	0.00
79) Chrysene-d12	21.133	240	1043102	20.000	ng/u1	0.00
88) Perylene-d12	23.915	264	1178976	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.110	96	18967	5.146	ng/uL	0.00
4) Pyridine-d5	3.499	84	262888	23.996	ng/u1	0.00
7) Phenol-d5	6.687	99	309250	23.167	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.845	67	200913	24.259	ng/u1	0.00
11) 2-Chlorophenol-d4	7.034	132	242125	23.044	ng/u1	0.00
15) 4-Methylphenol-d8	8.204	113	229609	20.905	ng/u1	0.00
21) Nitrobenzene-d5	8.639	128	126558	23.697	ng/u1	0.00
24) 2-Nitrophenol-d4	9.351	143	125891	22.923	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.886	165	223901	21.648	ng/u1	0.00
31) 4-Chloroaniline-d4	10.398	131	329065	21.016	ng/u1	0.00
46) Dimethylphthalate-d6	13.563	166	763173	23.059	ng/u1	0.00
49) Acenaphthylene-d8	13.827	160	841632	22.605	ng/u1	0.00
54) 4-Nitrophenol-d4	14.357	143	149132	21.956	ng/u1	0.00
60) Fluorene-d10	15.139	176	654950	23.350	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.269	200	110530	18.919	ng/u1	0.00
73) Anthracene-d10	16.992	188	900741	19.552	ng/u1	0.00
81) Pyrene-d10	19.298	212	1230946	21.180	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.727	264	1396974	23.067	ng/u1	0.00
Target Compounds						
5) Pyridine	3.522	79	48400	4.317	ng/u1#	67
6) Benzaldehyde	6.651	77	38114m	5.409	ng/u1	
8) Phenol	6.710	94	57436	4.133	ng/u1	94
10) Bis(2-Chloroethyl)ether	6.940	93	47591	4.406	ng/u1	97
12) 2-Chlorophenol	7.069	128	45061	4.185	ng/u1	99
13) 2-Methylphenol	7.945	108	37725	3.632	ng/u1	93
14) 2,2'-oxybis(1-Chloropr...	8.022	45	74916	4.703	ng/u1	99
16) Acetophenone	8.310	105	77997	4.483	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.298	70	38202	4.434	ng/u1	95
18) 4-Methylphenol	8.269	108	43928	3.800	ng/u1	93
19) Hexachloroethane	8.557	117	19342	4.259	ng/u1	97
22) Nitrobenzene	8.681	77	60405	4.519	ng/u1	96
23) Isophorone	9.204	82	103034	4.180	ng/u1	98
25) 2-Nitrophenol	9.381	139	25261	4.110	ng/u1	94
26) 2,4-Dimethylphenol	9.457	107	19855	1.570	ng/u1	96
27) Bis(2-Chloroethoxy)met...	9.692	93	65274	4.304	ng/u1	98
29) 2,4-Dichlorophenol	9.910	162	42278	4.037	ng/u1	93
30) Naphthalene	10.304	128	158676	4.329	ng/u1	99
32) 4-Chloroaniline	10.422	127	61709	3.999	ng/u1	99
33) Hexachlorobutadiene	10.598	225	28687	4.270	ng/u1	96
34) Caprolactam	11.222	113	14739m	3.535	ng/u1	
35) 4-Chloro-3-methylphenol	11.557	107	45325	3.676	ng/u1	98
36) 2-Methylnaphthalene	11.928	142	106474	4.217	ng/u1	98
37) 1-Methylnaphthalene	12.151	142	110099	4.308	ng/u1	100

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39) 1,2,4,5-Tetrachloroben...	12.304	216	54111	4.232	ng/ul	98	09/12/2024
40) Hexachlorocyclopentadiene	12.292	237	37241	4.734	ng/ul	96	Supervised By :mohammad ahmed
41) 2,4,6-Trichlorophenol	12.557	196	30400	3.587	ng/ul	92	
42) 2,4,5-Trichlorophenol	12.628	196	33441	3.592	ng/ul	96	
43) 1,1'-Biphenyl	12.963	154	139710	4.184	ng/ul	97	
44) 2-Chloronaphthalene	12.998	162	111186	4.275	ng/ul	97	
45) 2-Nitroaniline	13.216	65	30023	3.572	ng/ul	94	09/13/2024
47) Dimethylphthalate	13.610	163	149008	4.418	ng/ul	100	
48) 2,6-Dinitrotoluene	13.722	165	24275	3.655	ng/ul	92	
50) Acenaphthylene	13.857	152	180352	4.427	ng/ul	100	
51) 3-Nitroaniline	14.051	138	25284	3.445	ng/ul#	96	
52) Acenaphthene	14.204	153	124231	4.271	ng/ul	97	
53) 2,4-Dinitrophenol	14.257	184	21174	5.420	ng/ul	95	
55) 4-Nitrophenol	14.374	109	26518	4.597	ng/ul	91	
56) Dibenzofuran	14.545	168	170628	4.290	ng/ul	99	
57) 2,4-Dinitrotoluene	14.516	165	39339	3.929	ng/ul	99	
58) 2,3,4,6-Tetrachlorophenol	14.774	232	28917	3.743	ng/ul#	91	
59) Diethylphthalate	14.992	149	150130	4.259	ng/ul	100	
61) Fluorene	15.198	166	142762	4.388	ng/ul	95	
62) 4-Chlorophenyl-phenyle...	15.198	204	69680	4.418	ng/ul	95	
63) 4-Nitroaniline	15.216	138	27216	3.603	ng/ul	93	
66) 4,6-Dinitro-2-methylph...	15.280	198	24659	3.801	ng/ul#	83	
67) N-Nitrosodiphenylamine	15.416	169	116377	3.963	ng/ul	99	
68) 4-Bromophenyl-phenylether	16.098	248	41138	4.134	ng/ul	96	
69) Hexachlorobenzene	16.198	284	47378	4.102	ng/ul	97	
70) Atrazine	16.380	200	44005	4.136	ng/ul	98	
71) Pentachlorophenol	16.551	266	47686	6.200	ng/ul	92	
72) Phenanthrene	16.933	178	234072	4.332	ng/ul	100	
74) Anthracene	17.027	178	201031	3.644	ng/ul	99	
75) 1,2,3,4-Tetrachloroben...	12.922	216	51532	3.779	ng/uL	99	
76) Pentachlorobenzene	14.463	250	58138	4.187	ng/uL	96	
77) Carbazole	17.298	167	209979	4.135	ng/ul	99	
78) Di-n-butylphthalate	17.886	149	252758	3.916	ng/ul	99	
80) Fluoranthene	18.962	202	272757	4.014	ng/ul	98	
82) Pyrene	19.327	202	299991	4.107	ng/ul	96	
83) Butylbenzylphthalate	20.262	149	116091	3.544	ng/ul	97	
84) 3,3'-Dichlorobenzidine	21.051	252	80306	3.427	ng/ul	97	
85) Benzo(a)anthracene	21.115	228	307456	4.134	ng/ul	97	
86) Bis(2-ethylhexyl)phtha...	21.074	149	175853	3.668	ng/ul	99	
87) Chrysene	21.174	228	292660	4.124	ng/ul	98	
89) Di-n-octyl phthalate	22.139	149	281543	3.589	ng/ul	100	
90) Benzo(b)fluoranthene	23.039	252	313804	4.366	ng/ul	99	
91) Benzo(k)fluoranthene	23.098	252	310499	4.379	ng/ul	100	
93) Benzo(a)pyrene	23.780	252	297159	4.376	ng/ul	95	
94) Indeno(1,2,3-cd)pyrene	26.991	276	355490	4.225	ng/ul	99	
95) Dibenzo(a,h)anthracene	27.050	278	303666	4.465	ng/ul	99	
96) Benzo(g,h,i)perylene	27.950	276	294014	4.502	ng/ul	98	

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

