

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061324\
 Data File : VN082570.D
 Acq On : 13 Jun 2024 19:35
 Operator : JC\MD
 Sample : P2838-08MSD
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-196-GW-340-342MSD

Quant Time: Jun 14 02:35:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 16 05:21:06 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 06/14/2024
 Supervised By : Semsettin Yesilyurt 06/14/2024

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	152316	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	262175	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	244874	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	126444	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	125639	52.238	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.480%			
35) Dibromofluoromethane	8.171	113	91746	56.887	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 113.780%			
50) Toluene-d8	10.571	98	314621	50.883	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.760%			
62) 4-Bromofluorobenzene	12.853	95	123624	56.016	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 112.040%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	127258	57.949	ug/l	98
3) Chloromethane	2.359	50	142450	57.238	ug/l	97
4) Vinyl Chloride	2.512	62	141662	60.547	ug/l	99
5) Bromomethane	2.942	94	79619	59.204	ug/l	100
6) Chloroethane	3.106	64	97653	63.920	ug/l	99
7) Trichlorofluoromethane	3.489	101	184177	60.115	ug/l	97
8) Diethyl Ether	3.959	74	67164	61.537	ug/l	70
9) 1,1,2-Trichlorotrifluo...	4.365	101	103281	57.708	ug/l	98
10) Methyl Iodide	4.583	142	114015	63.370	ug/l	98
11) Tert butyl alcohol	5.524	59	132942	344.344	ug/l	99
12) 1,1-Dichloroethene	4.336	96	99484	59.805	ug/l #	79
13) Acrolein	4.177	56	92466	323.201	ug/l	96
14) Allyl chloride	5.018	41	193240	54.258	ug/l #	91
15) Acrylonitrile	5.724	53	340229	340.269	ug/l	99
16) Acetone	4.430	43	312889	317.133	ug/l	91
17) Carbon Disulfide	4.712	76	285559	53.150	ug/l	99
18) Methyl Acetate	5.024	43	161073	65.555	ug/l #	86
19) Methyl tert-butyl Ether	5.800	73	382625	62.928	ug/l	94
20) Methylene Chloride	5.277	84	118902	59.731	ug/l #	77
21) trans-1,2-Dichloroethene	5.789	96	106931	58.988	ug/l #	76
22) Diisopropyl ether	6.671	45	454758	61.149	ug/l #	93
23) Vinyl Acetate	6.606	43	1740442	296.830	ug/l #	90
24) 1,1-Dichloroethane	6.571	63	231683	60.441	ug/l	96
25) 2-Butanone	7.489	43	498746	333.415	ug/l #	85
26) 2,2-Dichloropropane	7.494	77	162815	50.711	ug/l	98
27) cis-1,2-Dichloroethene	7.489	96	132047	61.723	ug/l	84
28) Bromochloromethane	7.818	49	83343	50.028	ug/l #	76
29) Tetrahydrofuran	7.841	42	341036	355.086	ug/l #	82
30) Chloroform	7.965	83	226872	61.979	ug/l	96
31) Cyclohexane	8.259	56	199389	51.906	ug/l	87
32) 1,1,1-Trichloroethane	8.171	97	204632	63.013	ug/l	94
36) 1,1-Dichloropropene	8.371	75	157659	58.287	ug/l	97
37) Ethyl Acetate	7.565	43	195556	64.602	ug/l #	92
38) Carbon Tetrachloride	8.365	117	176720	64.450	ug/l	98
39) Methylcyclohexane	9.606	83	163119	55.017	ug/l #	87
40) Benzene	8.606	78	492806	61.097	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061324\
 Data File : VN082570.D
 Acq On : 13 Jun 2024 19:35
 Operator : JC\MD
 Sample : P2838-08MSD
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-196-GW-340-342MSD

Quant Time: Jun 14 02:35:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 16 05:21:06 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :John Carlone 06/14/2024
 Supervised By :Semsettin Yesilyurt 06/14/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	111804	62.802	ug/l #	86
42) 1,2-Dichloroethane	8.671	62	190606	61.442	ug/l	96
43) Isopropyl Acetate	8.694	43	396183	73.862	ug/l #	84
44) Trichloroethene	9.353	130	107226	58.522	ug/l	98
45) 1,2-Dichloropropane	9.624	63	130915	62.906	ug/l	99
46) Dibromomethane	9.712	93	86924	63.619	ug/l	98
47) Bromodichloromethane	9.888	83	186266	64.576	ug/l #	95
48) Methyl methacrylate	9.683	41	164970	64.546	ug/l #	83
49) 1,4-Dioxane	9.694	88	56504	1577.681	ug/l #	80
51) 4-Methyl-2-Pentanone	10.447	43	1081629	354.918	ug/l	90
52) Toluene	10.635	92	306349	63.289	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	191145	64.075	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	192155	60.853	ug/l #	80
55) 1,1,2-Trichloroethane	11.018	97	115630	65.734	ug/l	99
56) Ethyl methacrylate	10.877	69	203465	68.128	ug/l #	74
57) 1,3-Dichloropropane	11.165	76	207507	63.092	ug/l	99
59) 2-Hexanone	11.200	43	819399	367.207	ug/l	90
60) Dibromochloromethane	11.359	129	140232	72.239	ug/l	99
61) 1,2-Dibromoethane	11.471	107	118760	65.730	ug/l	98
64) Tetrachloroethene	11.106	164	94044	51.815	ug/l	95
65) Chlorobenzene	11.894	112	323993	59.892	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	118785	66.662	ug/l	100
67) Ethyl Benzene	11.965	91	588651	60.829	ug/l	95
68) m/p-Xylenes	12.071	106	445741	125.678	ug/l	94
69) o-Xylene	12.400	106	213391	62.112	ug/l	92
70) Styrene	12.412	104	361649	63.374	ug/l	96
71) Bromoform	12.576	173	96113	67.568	ug/l #	98
73) Isopropylbenzene	12.700	105	547068	54.460	ug/l	99
74) N-amyl acetate	12.494	43	304713	55.147	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.941	83	177270	61.219	ug/l	97
76) 1,2,3-Trichloropropane	12.994	75	166756m	62.658	ug/l	
77) Bromobenzene	12.982	156	135021	56.402	ug/l	88
78) n-propylbenzene	13.035	91	656821	55.217	ug/l	96
79) 2-Chlorotoluene	13.129	91	401779	53.789	ug/l	94
80) 1,3,5-Trimethylbenzene	13.176	105	458807	56.485	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	66148m	58.135	ug/l	
82) 4-Chlorotoluene	13.223	91	405110	55.471	ug/l	95
83) tert-Butylbenzene	13.441	119	388682	54.698	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	462977	55.713	ug/l	98
85) sec-Butylbenzene	13.618	105	541139	54.941	ug/l	98
86) p-Isopropyltoluene	13.729	119	454866	56.825	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	245536	56.613	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	244289	55.188	ug/l	98
89) n-Butylbenzene	14.059	91	382155	53.116	ug/l	98
90) Hexachloroethane	14.335	117	88931	59.963	ug/l	97
91) 1,2-Dichlorobenzene	14.106	146	234437	57.106	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	38026	63.915	ug/l	89
93) 1,2,4-Trichlorobenzene	15.394	180	120988	52.576	ug/l	98
94) Hexachlorobutadiene	15.500	225	50078	49.594	ug/l	99
95) Naphthalene	15.641	128	419729	58.202	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	121742	52.847	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061324\
Data File : VN082570.D
Acq On : 13 Jun 2024 19:35
Operator : JC\MD
Sample : P2838-08MSD
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-196-GW-340-342MSD

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/14/2024
Supervised By :Semsettin Yesilyurt 06/14/2024

Quant Time: Jun 14 02:35:08 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
Quant Title : SW846 8260
QLast Update : Thu May 16 05:21:06 2024
Response via : Initial Calibration

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

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

