

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN013024\
 Data File : VN080825.D
 Acq On : 30 Jan 2024 19:34
 Operator : JC\MD
 Sample : P1187-09 2.5PPB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MDL-WATER-03-QT1-2024

Quant Time: Jan 31 03:18:24 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012924W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 29 12:54:23 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John Carlone 01/31/2024
 Supervised By :Semsettin Yesilyurt 01/31/2024

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	105761	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	221623	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	184814	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	65954	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	99894	54.598	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 109.200%			
35) Dibromofluoromethane	8.165	113	67519	49.797	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.600%			
50) Toluene-d8	10.570	98	262581	49.479	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 98.960%			
62) 4-Bromofluorobenzene	12.853	95	83639	45.227	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 90.460%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	3612	2.299	ug/l	80
3) Chloromethane	2.359	50	8438	3.573	ug/l	100
4) Vinyl Chloride	2.512	62	5187	2.889	ug/l #	29
5) Bromomethane	2.953	94	3133	4.363	ug/l	87
6) Chloroethane	3.124	64	3906	4.081	ug/l #	76
7) Trichlorofluoromethane	3.500	101	6126	2.637	ug/l #	71
8) Diethyl Ether	3.959	74	2773	2.587	ug/l	89
9) 1,1,2-Trichlorotrifluo...	4.353	101	3896	2.876	ug/l #	52
10) Methyl Iodide	4.588	142	3418	2.989	ug/l #	88
11) Tert butyl alcohol	5.530	59	4742	15.899	ug/l #	76
12) 1,1-Dichloroethene	4.341	96	4105	2.765	ug/l #	60
13) Acrolein	4.177	56	5198	13.820	ug/l #	73
14) Allyl chloride	5.018	41	7634	2.602	ug/l #	85
15) Acrylonitrile	5.730	53	12718	14.179	ug/l	99
16) Acetone	4.424	43	10127	15.262	ug/l	92
17) Carbon Disulfide	4.718	76	11487	2.485	ug/l	98
18) Methyl Acetate	5.036	43	10754m	4.650	ug/l	
19) Methyl tert-butyl Ether	5.788	73	14422	2.757	ug/l #	85
20) Methylene Chloride	5.294	84	4508	2.588	ug/l #	66
21) trans-1,2-Dichloroethene	5.783	96	4504	2.793	ug/l	95
22) Diisopropyl ether	6.677	45	17399	2.687	ug/l #	96
23) Vinyl Acetate	6.606	43	51662	11.028	ug/l	99
24) 1,1-Dichloroethane	6.571	63	9212	2.806	ug/l	94
25) 2-Butanone	7.494	43	16814	13.340	ug/l	91
26) 2,2-Dichloropropane	7.494	77	6480	2.442	ug/l	91
27) cis-1,2-Dichloroethene	7.488	96	5210	2.791	ug/l	88
28) Bromochloromethane	7.818	49	4886	2.811	ug/l #	92
29) Tetrahydrofuran	7.841	42	12016	14.089	ug/l	99
30) Chloroform	7.959	83	8715	2.857	ug/l	98
31) Cyclohexane	8.259	56	11216	3.575	ug/l	94
32) 1,1,1-Trichloroethane	8.159	97	7355	2.973	ug/l #	85
36) 1,1-Dichloropropene	8.377	75	6136	2.435	ug/l	95
37) Ethyl Acetate	7.565	43	7602	2.930	ug/l #	91
38) Carbon Tetrachloride	8.365	117	5552	2.734	ug/l #	78
39) Methylcyclohexane	9.600	83	6698	2.674	ug/l	85
40) Benzene	8.600	78	19682	2.657	ug/l #	82

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN013024\
 Data File : VN080825.D
 Acq On : 30 Jan 2024 19:34
 Operator : JC\MD
 Sample : P1187-09 2.5PPB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MDL-WATER-03-QT1-2024

Quant Time: Jan 31 03:18:24 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012924W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 29 12:54:23 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John Carlone 01/31/2024
 Supervised By :Semsettin Yesilyurt 01/31/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	4464	2.919	ug/l #	89
42) 1,2-Dichloroethane	8.665	62	7099	2.942	ug/l	96
43) Isopropyl Acetate	8.682	43	11841	2.507	ug/l #	92
44) Trichloroethene	9.347	130	4148	2.543	ug/l	52
45) 1,2-Dichloropropane	9.623	63	5989	2.988	ug/l	96
46) Dibromomethane	9.706	93	3252	2.737	ug/l	97
47) Bromodichloromethane	9.894	83	6054	2.509	ug/l #	89
48) Methyl methacrylate	9.688	41	6810	2.974	ug/l	94
49) 1,4-Dioxane	9.706	88	1693m	61.380	ug/l	
51) 4-Methyl-2-Pentanone	10.447	43	34054	12.897	ug/l	98
52) Toluene	10.629	92	10606	2.497	ug/l	87
53) t-1,3-Dichloropropene	10.835	75	6453	2.296	ug/l	89
54) cis-1,3-Dichloropropene	10.312	75	7507	2.456	ug/l #	84
55) 1,1,2-Trichloroethane	11.018	97	4853	2.973	ug/l #	88
56) Ethyl methacrylate	10.876	69	4870	1.941	ug/l #	76
57) 1,3-Dichloropropane	11.165	76	7509	2.445	ug/l	93
58) 2-Chloroethyl Vinyl ether	10.159	63	17897	12.236	ug/l	98
59) 2-Hexanone	11.200	43	24100	11.750	ug/l	97
60) Dibromochloromethane	11.365	129	4050	2.668	ug/l	91
61) 1,2-Dibromoethane	11.465	107	4146	2.710	ug/l	98
64) Tetrachloroethene	11.106	164	3009	2.477	ug/l	92
65) Chlorobenzene	11.894	112	9568	2.372	ug/l	93
66) 1,1,1,2-Tetrachloroethane	11.959	131	3351	2.555	ug/l	89
67) Ethyl Benzene	11.959	91	18697	2.494	ug/l	93
68) m/p-Xylenes	12.076	106	12558	4.717	ug/l	90
69) o-Xylene	12.400	106	6604	2.496	ug/l	95
70) Styrene	12.412	104	8973	2.112	ug/l	94
71) Bromoform	12.576	173	2080	2.345	ug/l #	94
73) Isopropylbenzene	12.694	105	15181	2.514	ug/l	98
74) N-amyl acetate	12.494	43	9105	2.428	ug/l #	95
75) 1,1,2,2-Tetrachloroethane	12.941	83	6391	3.008	ug/l #	82
76) 1,2,3-Trichloropropane	12.994	75	6029m	3.031	ug/l	
77) Bromobenzene	12.988	156	3543	2.744	ug/l	98
78) n-propylbenzene	13.035	91	19432	2.693	ug/l	99
79) 2-Chlorotoluene	13.129	91	11746	2.561	ug/l	94
80) 1,3,5-Trimethylbenzene	13.176	105	12724	2.645	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.747	75	2095	2.713	ug/l	92
82) 4-Chlorotoluene	13.223	91	10913	2.403	ug/l	93
83) tert-Butylbenzene	13.441	119	10010	2.606	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	12064	2.475	ug/l	94
85) sec-Butylbenzene	13.617	105	12727	2.247	ug/l	85
86) p-Isopropyltoluene	13.735	119	10966	2.492	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	5183	2.244	ug/l	96
88) 1,4-Dichlorobenzene	13.811	146	5815m	2.512	ug/l	
89) n-Butylbenzene	14.058	91	10253	2.381	ug/l	91
90) Hexachloroethane	14.335	117	1700	2.208	ug/l	96
91) 1,2-Dichlorobenzene	14.106	146	5668	2.682	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	14.717	75	797	2.007	ug/l	94
93) 1,2,4-Trichlorobenzene	15.388	180	3323	3.055	ug/l	83
94) Hexachlorobutadiene	15.511	225	1068	2.247	ug/l	95
95) Naphthalene	15.641	128	9590	2.304	ug/l #	87
96) 1,2,3-Trichlorobenzene	15.847	180	2629	2.459	ug/l	79

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN013024\
Data File : VN080825.D
Acq On : 30 Jan 2024 19:34
Operator : JC\MD
Sample : P1187-09 2.5PPB
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MDL-WATER-03-QT1-2024

Manual Integrations
APPROVED

Reviewed By :John Carlone 01/31/2024
Supervised By :Semsettin Yesilyurt 01/31/2024

Quant Time: Jan 31 03:18:24 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012924W.M
Quant Title : SW846 8260
QLast Update : Mon Jan 29 12:54:23 2024
Response via : Initial Calibration

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

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

