

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020224\
 Data File : VU057790.D
 Acq On : 02 Feb 2024 12:35
 Operator : MD/SY
 Sample : P1174-08
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 PT-UNRVOA-WS

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/14/2024
 Supervised By : Mahesh Dadoda 02/14/2024

Quant Time: Feb 03 05:54:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\524U013124DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Fri Feb 02 00:27:55 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Fluorobenzene	6.110	96	42003	1.000	ug/l	# 0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.631	95	15573	0.979	ug/l	0.00
Spiked Amount 1.000			Recovery	=	98.000%	
68) 1,2-Dichlorobenzene-d4	12.190	152	14403	1.006	ug/l	0.00
Spiked Amount 1.000			Recovery	=	101.000%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.515	50	2986	0.222	ug/l	98
5) Bromomethane	1.856	94	106965	13.172	ug/l	99
7) Trichlorofluoromethane	2.136	101	867118	41.380	ug/l	100
10) Iodomethane	2.718	142	6270	0.506	ug/l	93
15) Methylene Chloride	3.042	84	4241	0.340	ug/l	89
17) 1,1-Dichloroethane	3.862	63	361153	16.785	ug/l	99
21) 2,2-Dichloropropane	4.657	77	140046	7.330	ug/l	93
25) Methyl tert-Butyl Ether	3.354	73	1289590	52.648	ug/l	97
26) Bromochloromethane	4.968	128	70196	13.999	ug/l	98
29) 1,1-Dichloropropene	5.521	75	80752	4.941	ug/l	96
43) Dibromomethane	6.914	93	71832	12.803	ug/l	96
50) t-1,3-Dichloropropene	8.206	75	124976	9.216	ug/l	99
51) cis-1,3-Dichloropropene	7.602	75	270016	15.719	ug/l	94
53) 1,3-Dichloropropane	8.570	76	114045	8.208	ug/l	99
60) 1,1,1,2-Tetrachloroethane	9.528	131	77064	7.144	ug/l	98
62) Hexachloroethane	12.470	117	1632	0.653	ug/l	84
69) Isopropylbenzene	10.479	105	350750	6.585	ug/l	100
70) 1,1,2,2-Tetrachloroethane	10.775	83	29738	3.069	ug/l	97
71) 1,2,3-Trichloropropane	10.817	75	20048m	2.506	ug/l	
72) Bromobenzene	10.778	156	79766	6.805	ug/l	95
73) n-propylbenzene	10.901	120	238590	17.827	ug/l	99
74) 2-Chlorotoluene	10.981	126	59018	4.754	ug/l	94
75) 1,3,5-Trimethylbenzene	11.084	105	827922	18.096	ug/l	99
76) 4-Chlorotoluene	11.094	126	31459	2.521	ug/l	1
77) tert-Butylbenzene	11.415	119	114588	2.669	ug/l	90
78) 1,2,4-Trimethylbenzene	11.463	105	790344	17.032	ug/l	100
79) sec-Butylbenzene	11.637	105	383152	6.982	ug/l	98
81) p-Isopropyltoluene	11.788	119	921927	19.926	ug/l	98
82) 1,3-Dichlorobenzene	11.740	146	194972	8.228	ug/l	98
84) n-Butylbenzene	12.203	91	858703	19.407	ug/l	99
87) 1,2,4-Trichlorobenzene	13.836	180	10376	0.808	ug/l	94
88) Hexachlorobutadiene	14.016	225	182695	22.164	ug/l	99
89) Naphthalene	14.081	128	511479	25.790	ug/l	99
90) 1,2,3-Trichlorobenzene	14.325	180	164985	15.437	ug/l	97

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

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