

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081324\
 Data File : VX043013.D
 Acq On : 13 Aug 2024 14:28
 Operator : JC/MD
 Sample : VX0813WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0813WBSD01

Quant Time: Aug 14 04:32:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X081324W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Aug 13 13:22:56 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.897	128	28061	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.757	114	167927	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	150708	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.958	65	65320	28.756	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery =	95.867%		
60) 4-Bromofluorobenzene	11.079	95	74367	29.067	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery =	96.900%		
63) Toluene-d8	8.647	98	208272	30.084	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery =	100.267%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	29096	18.194	ug/l	98
3) Chloromethane	1.301	50	46699	19.413	ug/l	99
4) Vinyl Chloride	1.374	62	41992	18.601	ug/l	100
5) Bromomethane	1.599	94	11765	20.022	ug/l	99
6) Chloroethane	1.666	64	13840	23.220	ug/l	92
7) Trichlorofluoromethane	1.867	101	40646	19.224	ug/l	100
8) Diethyl Ether	2.136	74	18452	18.377	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.319	101	33590	17.960	ug/l	95
10) 1,1-Dichloroethene	2.313	96	35276	18.243	ug/l	93
11) Methyl Iodide	2.447	142	35297	16.474	ug/l	90
12) Methyl Acetate	2.709	43	67411	19.298	ug/l	97
13) Acrolein	2.239	56	54133	94.214	ug/l	91
14) Acrylonitrile	3.068	53	128162	96.274	ug/l	99
15) Acetone	2.392	58	34024	91.945	ug/l	77
16) Carbon Disulfide	2.502	76	105438	18.448	ug/l	99
17) Allyl chloride	2.660	41	71208	18.730	ug/l	94
18) Methylene Chloride	2.788	84	42117	18.811	ug/l	95
19) trans-1,2-Dichloroethene	3.087	96	37797	18.608	ug/l	100
20) Diisopropyl ether	3.764	45	141471	19.039	ug/l	93
21) 1,1-Dichloroethane	3.605	63	72183	18.177	ug/l	97
22) cis-1,2-Dichloroethene	4.483	96	46271	19.012	ug/l	95
23) tert-Butyl Alcohol	2.989	59	52961	91.699	ug/l #	100
24) Methyl tert-Butyl Ether	3.117	73	125508	18.389	ug/l	100
25) Chloroform	5.093	83	67927	18.386	ug/l	93
26) Cyclohexane	5.464	56	64609	17.714	ug/l #	95
29) 1,1-Dichloropropene	5.684	75	47854	18.528	ug/l	100
30) 2-Butanone	4.568	43	180522	97.753	ug/l	99
31) 2,2-Dichloropropane	4.471	77	58081	18.139	ug/l	97
32) 1,1,1-Trichloroethane	5.379	97	56549	18.187	ug/l	99
33) Carbon Tetrachloride	5.672	117	46540	18.299	ug/l	94
34) Benzene	6.031	78	162437	19.000	ug/l	96
35) Methacrylonitrile	4.928	41	35835	18.614	ug/l	98
36) 1,2-Dichloroethane	6.086	62	48381m	18.342	ug/l	
37) Trichloroethene	7.129	130	35950	18.686	ug/l	89
38) Methylcyclohexane	7.373	83	65000	18.369	ug/l	98
39) 1,2-Dichloropropane	7.427	63	39348	18.568	ug/l	91
40) Dibromomethane	7.586	93	27416	19.230	ug/l	95
41) Bromodichloromethane	7.818	83	53375	18.759	ug/l	99
42) Vinyl Acetate	3.721	43	848748	101.160	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081324\
 Data File : VX043013.D
 Acq On : 13 Aug 2024 14:28
 Operator : JC/MD
 Sample : VX0813WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0813WBSD01

Quant Time: Aug 14 04:32:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X081324W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue Aug 13 13:22:56 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.721	43	68458	19.381	ug/l	99
44) Isopropyl Acetate	6.342	43	111601	19.393	ug/l	96
45) 1,4-Dioxane	7.665	88	16975	305.562	ug/l	90
46) Methyl methacrylate	7.696	41	50781	18.681	ug/l	95
47) n-amyl Acetate	10.841	43	96975	19.086	ug/l	96
48) t-1,3-Dichloropropene	8.982	75	59070	18.709	ug/l	99
49) cis-1,3-Dichloropropene	8.366	75	65281	18.946	ug/l	97
50) 1,1,2-Trichloroethane	9.153	97	38434	19.567	ug/l	97
51) Ethyl methacrylate	9.116	69	72105	19.330	ug/l	96
52) 1,3-Dichloropropane	9.311	76	66495	19.295	ug/l	99
53) Dibromochloromethane	9.519	129	40795	19.123	ug/l	99
54) 1,2-Dibromoethane	9.610	107	39888	19.567	ug/l	98
55) 2-Chloroethyl vinyl ether	8.238	63	151455	88.621	ug/l	99
56) Bromoform	10.799	173	28410	19.063	ug/l	98
58) 4-Methyl-2-Pentanone	8.574	43	352963	101.275	ug/l	99
59) 2-Hexanone	9.433	43	274581	100.911	ug/l	99
61) Tetrachloroethene	9.275	164	30016	18.881	ug/l	97
62) Toluene	8.720	91	166356	19.324	ug/l	98
64) Chlorobenzene	10.079	112	102384	19.394	ug/l	98
65) 1,1,1,2-Tetrachloroethane	10.159	131	34745	19.378	ug/l	97
66) Ethyl Benzene	10.195	91	179923	19.232	ug/l	95
67) m/p-Xylenes	10.299	106	138682	39.638	ug/l	96
68) o-Xylene	10.640	106	68982	19.492	ug/l	98
69) Styrene	10.653	104	114185	19.362	ug/l	98
70) Isopropylbenzene	10.963	105	171631	19.550	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.213	83	63873	19.637	ug/l	99
72) 1,2,3-Trichloropropane	11.238	75	51385m	18.459	ug/l	
73) Bromobenzene	11.195	156	38869	19.276	ug/l	89
74) n-propylbenzene	11.305	91	198103	19.121	ug/l	99
75) 2-Chlorotoluene	11.366	91	123597	19.286	ug/l	99
76) 1,3,5-Trimethylbenzene	11.451	105	139739	19.515	ug/l	97
77) t-1,4-Dichloro-2-butene	11.018	75	23957	18.434	ug/l	92
78) 4-Chlorotoluene	11.451	91	134805	19.374	ug/l	99
79) tert-butylbenzene	11.713	119	141621	19.418	ug/l	99
80) 1,2,4-Trimethylbenzene	11.750	105	138011	18.905	ug/l	97
81) sec-Butylbenzene	11.890	105	174249	18.914	ug/l	99
82) p-Isopropyltoluene	12.006	119	141231	18.945	ug/l	99
83) 1,3-Dichlorobenzene	11.969	146	70735	19.038	ug/l	99
84) 1,4-Dichlorobenzene	12.043	146	71247	19.150	ug/l	98
85) n-Butylbenzene	12.335	91	121398	18.290	ug/l	98
86) Hexachloroethane	12.536	117	28616	18.352	ug/l	88
87) 1,2-Dichlorobenzene	12.335	146	72170	19.532	ug/l	97
88) 1,2-Dibromo-3-Chloropr...	12.939	75	13482	17.831	ug/l	99
89) 1,2,4-Trichlorobenzene	13.591	180	39906	18.252	ug/l	97
90) Hexachlorobutadiene	13.725	225	14869	18.245	ug/l	97
91) Naphthalene	13.774	128	163628	19.151	ug/l	99
92) 1,2,3-Trichlorobenzene	13.963	180	40744	18.268	ug/l	97

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

