

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081324\
 Data File : VX043012.D
 Acq On : 13 Aug 2024 14:05
 Operator : JC/MD
 Sample : VX0813WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0813WBS01

Quant Time: Aug 14 04:31:10 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	4.898	128	28070	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.757	114	173364	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	155460	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	65004	28.608	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	95.367%
60) 4-Bromofluorobenzene	11.079	95	77950	29.536	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	98.467%
63) Toluene-d8	8.647	98	213202	29.855	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	99.500%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	30387	18.995	ug/l	99
3) Chloromethane	1.301	50	47468	19.726	ug/l	98
4) Vinyl Chloride	1.374	62	43666	19.336	ug/l	100
5) Bromomethane	1.599	94	12427	21.141	ug/l	95
6) Chloroethane	1.666	64	14328	24.031	ug/l	93
7) Trichlorofluoromethane	1.874	101	44543	21.060	ug/l	98
8) Diethyl Ether	2.136	74	19120	19.036	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.319	101	35123	18.773	ug/l	96
10) 1,1-Dichloroethene	2.307	96	37308	19.288	ug/l	97
11) Methyl Iodide	2.441	142	37316	17.410	ug/l	91
12) Methyl Acetate	2.709	43	67316	19.265	ug/l	99
13) Acrolein	2.239	56	53828	93.653	ug/l	90
14) Acrylonitrile	3.069	53	131004	98.377	ug/l	99
15) Acetone	2.392	58	35098	94.817	ug/l	77
16) Carbon Disulfide	2.502	76	109198	19.100	ug/l	99
17) Allyl chloride	2.654	41	74969	19.713	ug/l	91
18) Methylene Chloride	2.782	84	42207	18.845	ug/l	94
19) trans-1,2-Dichloroethene	3.081	96	39253	19.319	ug/l	99
20) Diisopropyl ether	3.764	45	143229	19.269	ug/l	97
21) 1,1-Dichloroethane	3.605	63	73175	18.421	ug/l	95
22) cis-1,2-Dichloroethene	4.483	96	46378	19.050	ug/l	98
23) tert-Butyl Alcohol	2.989	59	54398	94.157	ug/l	100
24) Methyl tert-Butyl Ether	3.117	73	126555	18.536	ug/l	99
25) Chloroform	5.087	83	68504	18.536	ug/l	97
26) Cyclohexane	5.458	56	66234	18.154	ug/l #	98
29) 1,1-Dichloropropene	5.690	75	48862	18.325	ug/l	99
30) 2-Butanone	4.562	43	184151	96.590	ug/l	99
31) 2,2-Dichloropropane	4.471	77	61716	18.670	ug/l	99
32) 1,1,1-Trichloroethane	5.373	97	57830	18.016	ug/l	99
33) Carbon Tetrachloride	5.666	117	48598	18.508	ug/l	98
34) Benzene	6.031	78	166782	18.896	ug/l	99
35) Methacrylonitrile	4.922	41	38018	19.129	ug/l	96
36) 1,2-Dichloroethane	6.086	62	48734	17.896	ug/l #	93
37) Trichloroethene	7.123	130	37633	18.947	ug/l	96
38) Methylcyclohexane	7.373	83	67907	18.589	ug/l	96
39) 1,2-Dichloropropane	7.428	63	41567	19.000	ug/l	96
40) Dibromomethane	7.580	93	27762	18.862	ug/l	96
41) Bromodichloromethane	7.818	83	55073	18.748	ug/l	98
42) Vinyl Acetate	3.721	43	858085	99.065	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081324\
 Data File : VX043012.D
 Acq On : 13 Aug 2024 14:05
 Operator : JC/MD
 Sample : VX0813WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0813WBS01

Quant Time: Aug 14 04:31:10 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	69939	19.179	ug/l	98
44) Isopropyl Acetate	6.342	43	112540	18.942	ug/l	97
45) 1,4-Dioxane	7.665	88	18218	317.652	ug/l #	85
46) Methyl methacrylate	7.696	41	51896	18.492	ug/l	95
47) n-amyl Acetate	10.842	43	100864	19.229	ug/l	94
48) t-1,3-Dichloropropene	8.976	75	60732	18.633	ug/l	100
49) cis-1,3-Dichloropropene	8.366	75	66874	18.800	ug/l	97
50) 1,1,2-Trichloroethane	9.153	97	38494	18.983	ug/l	98
51) Ethyl methacrylate	9.116	69	72364	18.791	ug/l	98
52) 1,3-Dichloropropane	9.305	76	67027	18.839	ug/l	99
53) Dibromochloromethane	9.519	129	41416	18.806	ug/l	100
54) 1,2-Dibromoethane	9.610	107	40496	19.242	ug/l	97
55) 2-Chloroethyl vinyl ether	8.238	63	154383	87.501	ug/l	99
56) Bromoform	10.799	173	29165	18.956	ug/l	98
58) 4-Methyl-2-Pentanone	8.574	43	360690	100.329	ug/l	99
59) 2-Hexanone	9.433	43	284247	101.271	ug/l	99
61) Tetrachloroethene	9.269	164	30816	18.792	ug/l	97
62) Toluene	8.714	91	170672	19.219	ug/l	97
64) Chlorobenzene	10.080	112	107696	19.776	ug/l	95
65) 1,1,1,2-Tetrachloroethane	10.159	131	35263	19.066	ug/l	96
66) Ethyl Benzene	10.195	91	187529	19.432	ug/l	96
67) m/p-Xylenes	10.299	106	142958	39.611	ug/l	98
68) o-Xylene	10.640	106	71943	19.708	ug/l	98
69) Styrene	10.653	104	120432	19.797	ug/l	98
70) Isopropylbenzene	10.964	105	178440	19.704	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.213	83	65621	19.558	ug/l	99
72) 1,2,3-Trichloropropane	11.238	75	53382m	18.590	ug/l	
73) Bromobenzene	11.195	156	41097	19.757	ug/l	92
74) n-propylbenzene	11.305	91	209512	19.604	ug/l	99
75) 2-Chlorotoluene	11.366	91	128716	19.471	ug/l	99
76) 1,3,5-Trimethylbenzene	11.451	105	147957	20.031	ug/l	97
77) t-1,4-Dichloro-2-butene	11.018	75	25005	18.653	ug/l	85
78) 4-Chlorotoluene	11.451	91	143268	19.961	ug/l	96
79) tert-butylbenzene	11.713	119	150051	19.945	ug/l	99
80) 1,2,4-Trimethylbenzene	11.750	105	149625	19.870	ug/l	98
81) sec-Butylbenzene	11.890	105	187191	19.698	ug/l	99
82) p-Isopropyltoluene	12.006	119	150705	19.598	ug/l	98
83) 1,3-Dichlorobenzene	11.969	146	75045	19.581	ug/l	99
84) 1,4-Dichlorobenzene	12.043	146	74533	19.421	ug/l	98
85) n-Butylbenzene	12.335	91	130820	19.107	ug/l	98
86) Hexachloroethane	12.536	117	30871	19.193	ug/l	87
87) 1,2-Dichlorobenzene	12.335	146	75493	19.807	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	12.945	75	13935	17.867	ug/l	99
89) 1,2,4-Trichlorobenzene	13.585	180	42307	18.758	ug/l	96
90) Hexachlorobutadiene	13.725	225	16422	19.534	ug/l	98
91) Naphthalene	13.774	128	171918	19.506	ug/l	99
92) 1,2,3-Trichlorobenzene	13.963	180	45222	19.656	ug/l	98

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

