

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102924\
 Data File : VU061276.D
 Acq On : 28 Oct 2024 19:54
 Operator : MD/SY
 Sample : VSTDICV050
 Misc : 5mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VICV008

Quant Time: Oct 29 02:11:40 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM102824WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 29 02:07:08 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	260450	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	241446	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	119628	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	94661	51.746	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	103.500%
7) Chloroethane-d5	1.901	69	81174	50.734	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	101.460%
11) 1,1-Dichloroethene-d2	2.560	63	172498	51.250	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	102.500%
21) 2-Butanone-d5	4.611	46	158906	105.310	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.310%
24) Chloroform-d	5.052	84	194644	50.274	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.540%
26) 1,2-Dichloroethane-d4	5.692	65	124689	50.593	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.180%
32) Benzene-d6	5.717	84	400475	51.802	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.600%
36) 1,2-Dichloropropane-d6	6.679	67	122346	51.716	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.440%
41) Toluene-d8	7.888	98	373995	51.962	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.920%
43) trans-1,3-Dichloroprop...	8.171	79	61132	51.689	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	103.380%
47) 2-Hexanone-d5	8.624	63	126343	105.563	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.560%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	186598	50.116	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.240%
66) 1,2-Dichlorobenzene-d4	12.183	152	134490	50.785	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.560%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	91917	50.618	ug/L	100
3) Chloromethane	1.515	50	84567	49.487	ug/L	99
5) Vinyl chloride	1.599	62	95927	51.913	ug/L	98
6) Bromomethane	1.840	94	75363	55.089	ug/L	94
8) Chloroethane	1.923	64	61254	50.682	ug/L	98
9) Trichlorofluoromethane	2.129	101	133430	51.664	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	75711	50.708	ug/L	100
12) 1,1-Dichloroethene	2.573	96	73769	51.867	ug/L	96
13) Acetone	2.621	43	98143	88.280	ug/L	98
14) Carbon disulfide	2.785	76	234064	53.831	ug/L	99
15) Methyl Acetate	2.939	43	90626	51.830	ug/L	98
16) Methylene chloride	3.036	84	87278	49.624	ug/L	97
17) trans-1,2-Dichloroethene	3.345	96	80215	51.615	ug/L	99
18) Methyl tert-butyl Ether	3.351	73	267220	49.864	ug/L	99
19) 1,1-Dichloroethane	3.856	63	151365	50.823	ug/L	98
20) cis-1,2-Dichloroethene	4.656	96	92652	50.136	ug/L	96
22) 2-Butanone	4.692	43	140359	98.702	ug/L	97
23) Bromochloromethane	4.965	128	48265	50.994	ug/L	96
25) Chloroform	5.078	83	162157	50.956	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.782	62	132694	52.137	ug/L	99
29) Cyclohexane	5.380	56	138086	53.394	ug/L	99
30) 1,1,1-Trichloroethane	5.306	97	139154	52.541	ug/L	99
31) Carbon tetrachloride	5.515	117	119806	52.599	ug/L	100
33) Benzene	5.762	78	355855	52.004	ug/L	100
34) Trichloroethene	6.534	95	95258	53.190	ug/L	98
35) Methylcyclohexane	6.753	83	143459	51.824	ug/L	100
37) 1,2-Dichloropropane	6.782	63	94197	51.717	ug/L	99
38) Bromodichloromethane	7.097	83	118244	50.827	ug/L #	97
39) cis-1,3-Dichloropropene	7.598	75	149108	51.361	ug/L	99
40) 4-Methyl-2-pentanone	7.782	43	260147	103.743	ug/L	99
42) Toluene	7.962	91	386118	51.824	ug/L	100
44) trans-1,3-Dichloropropene	8.203	75	141405	52.330	ug/L	100
45) 1,1,2-Trichloroethane	8.389	97	93295	50.971	ug/L	99
46) Tetrachloroethene	8.544	164	67246	52.235	ug/L	96
48) 2-Hexanone	8.675	43	213049	104.718	ug/L	99
49) Dibromochloromethane	8.801	129	93394	51.456	ug/L	97
50) 1,2-Dibromoethane	8.913	107	104080	51.460	ug/L	99
51) Chlorobenzene	9.438	112	248567	52.000	ug/L	99
52) Ethylbenzene	9.563	91	426073	52.823	ug/L	100
53) m,p-Xylene	9.685	106	161158	52.385	ug/L	99
54) o-Xylene	10.090	106	158668	51.976	ug/L	96
55) Styrene	10.106	104	264834	53.332	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.772	83	162621	50.806	ug/L	99
59) Bromoform	10.283	173	71357	51.458	ug/L #	97
60) 1,2,3-Trichloropropane	10.814	75	128164	50.487	ug/L	99
61) Isopropylbenzene	10.476	105	410750	52.177	ug/L	99
62) 1,3,5-Trimethylbenzene	11.081	105	333087	52.119	ug/L	99
63) 1,2,4-Trimethylbenzene	11.460	105	330324	52.477	ug/L	99
64) 1,3-Dichlorobenzene	11.736	146	180370	51.268	ug/L	95
65) 1,4-Dichlorobenzene	11.826	146	183872	51.435	ug/L	97
67) 1,2-Dichlorobenzene	12.203	146	182436	51.405	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.987	75	37230	54.434	ug/L	98
69) 1,3,5-Trichlorobenzene	13.209	180	122511	51.958	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	112215	55.647	ug/L	99
71) Naphthalene	14.077	128	385750	59.566	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	110198	55.954	ug/L	99

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

