

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090822\
 Data File : VU050683.D
 Acq On : 08 Sep 2022 13:49
 Operator : SY/MD
 Sample : N4475-04MSD
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DBVE1MSD

Quant Time: Sep 08 22:55:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM090222WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 08 22:51:50 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	294825	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	295243	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	139882	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	85159	33.771	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	67.540%
7) Chloroethane-d5	1.899	69	62439	36.616	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	73.240%
11) 1,1-Dichloroethene-d2	2.565	63	170960	38.365	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.720%
21) 2-Butanone-d5	4.620	46	172513	93.507	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.510%
24) Chloroform-d	5.063	84	219136	45.851	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.700%
26) 1,2-Dichloroethane-d4	5.700	65	143856	49.257	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.520%
32) Benzene-d6	5.726	84	417995	42.841	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.680%
36) 1,2-Dichloropropane-d6	6.690	67	138535	43.247	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	86.500%
41) Toluene-d8	7.896	98	369752	44.316	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.640%
43) trans-1,3-Dichloroprop...	8.179	79	61118	46.112	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.220%
47) 2-Hexanone-d5	8.632	63	78662	97.624	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.620%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	234876	48.452	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.900%
66) 1,2-Dichlorobenzene-d4	12.192	152	143661	43.872	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.740%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.382	85	105458	37.240	ug/L	99
3) Chloromethane	1.520	50	126351	41.294	ug/L	100
5) Vinyl chloride	1.604	62	105965	36.757	ug/L	97
6) Bromomethane	1.835	94	59456	40.895	ug/L	97
8) Chloroethane	1.922	64	58587	38.263	ug/L	97
9) Trichlorofluoromethane	2.131	101	140484	39.998	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	82320	35.729	ug/L	97
12) 1,1-Dichloroethene	2.575	96	92162	41.168	ug/L	98
13) Acetone	2.623	43	129528	93.071	ug/L	99
14) Carbon disulfide	2.787	76	266353	40.122	ug/L	100
15) Methyl Acetate	2.944	43	95865	32.571	ug/L	93
16) Methylene chloride	3.041	84	130149	44.298	ug/L	95
17) trans-1,2-Dichloroethene	3.349	96	101758	42.864	ug/L	97
18) Methyl tert-butyl Ether	3.359	73	366903	49.847	ug/L	98
19) 1,1-Dichloroethane	3.867	63	207027	45.201	ug/L	100
20) cis-1,2-Dichloroethene	4.665	96	127985	47.782	ug/L	95
22) 2-Butanone	4.700	43	206116	94.691	ug/L	93
23) Bromochloromethane	4.973	128	69968	50.552	ug/L	95
25) Chloroform	5.086	83	227361	48.725	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.790	62	176233	50.956	ug/L	98
29) Cyclohexane	5.385	56	136482	34.517	ug/L	94
30) 1,1,1-Trichloroethane	5.314	97	180608	45.418	ug/L	97
31) Carbon tetrachloride	5.523	117	148286	45.514	ug/L	100
33) Benzene	5.774	78	491501	45.744	ug/L	100
34) Trichloroethene	6.539	95	136569	54.549	ug/L	98
35) Methylcyclohexane	6.761	83	130946	32.899	ug/L	97
37) 1,2-Dichloropropane	6.790	63	130682	46.045	ug/L	99
38) Bromodichloromethane	7.105	83	172531	51.678	ug/L	99
39) cis-1,3-Dichloropropene	7.607	75	167982	43.727	ug/L	97
40) 4-Methyl-2-pentanone	7.790	43	373392	96.543	ug/L	98
42) Toluene	7.967	91	502914	46.078	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	171910	47.695	ug/L	99
45) 1,1,2-Trichloroethane	8.398	97	137035	50.262	ug/L	99
46) Tetrachloroethene	8.552	164	255733	139.851	ug/L	99
48) 2-Hexanone	8.684	43	344405	95.417	ug/L	98
49) Dibromochloromethane	8.809	129	142785	54.908	ug/L	99
50) 1,2-Dibromoethane	8.922	107	144410	52.083	ug/L	97
51) Chlorobenzene	9.446	112	315589	46.590	ug/L	98
52) Ethylbenzene	9.568	91	478497	44.379	ug/L	99
53) m,p-Xylene	9.693	106	189667	45.915	ug/L	95
54) o-Xylene	10.098	106	194230	47.228	ug/L	99
55) Styrene	10.115	104	333465	49.280	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.780	83	253006	52.098	ug/L	100
59) Bromoform	10.291	173	109814	52.617	ug/L	98
60) 1,2,3-Trichloropropane	10.822	75	200559	48.866	ug/L	100
61) Isopropylbenzene	10.484	105	447352	40.403	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	383690	40.534	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	377389	41.517	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	216938	44.529	ug/L	98
65) 1,4-Dichlorobenzene	11.835	146	213813	44.400	ug/L	100
67) 1,2-Dichlorobenzene	12.211	146	239977	46.250	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.995	75	53218	49.101	ug/L	97
69) 1,3,5-Trichlorobenzene	13.217	180	137896	39.002	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	112994	37.637	ug/L	98
71) Naphthalene	14.089	128	444178	41.730	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	132795	40.846	ug/L	99

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

