

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\U083022\
 Data File : VU050521.D
 Acq On : 30 Aug 2022 17:20
 Operator : SY/MD
 Sample : VSTDCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050182

Quant Time: Aug 31 01:44:03 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM083022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Aug 31 01:35:53 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	391016	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	371396	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	174700	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	140004	46.684	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.360%
7) Chloroethane-d5	1.896	69	110671	47.333	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.660%
11) 1,1-Dichloroethene-d2	2.562	63	239926	47.384	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.760%
21) 2-Butanone-d5	4.626	46	248132	94.606	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.610%
24) Chloroform-d	5.063	84	277734	47.595	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.200%
26) 1,2-Dichloroethane-d4	5.700	65	173754	45.840	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.680%
32) Benzene-d6	5.726	84	552248	47.975	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.960%
36) 1,2-Dichloropropane-d6	6.690	67	183193	47.796	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.600%
41) Toluene-d8	7.899	98	497511	49.680	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.360%
43) trans-1,3-Dichloroprop...	8.179	79	76179	49.420	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.840%
47) 2-Hexanone-d5	8.636	63	143356	103.301	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.300%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	281739	47.127	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.260%
66) 1,2-Dichlorobenzene-d4	12.195	152	172705	45.660	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.320%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.382	85	125962	51.169	ug/L	99
3) Chloromethane	1.517	50	186820	45.808	ug/L	100
5) Vinyl chloride	1.601	62	180590	47.955	ug/L	98
6) Bromomethane	1.838	94	75515	43.782	ug/L	100
8) Chloroethane	1.919	64	112100	47.300	ug/L	99
9) Trichlorofluoromethane	2.128	101	211652	48.862	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.572	101	133325	51.706	ug/L	100
12) 1,1-Dichloroethene	2.572	96	130676	48.498	ug/L	98
13) Acetone	2.629	43	179805	88.249	ug/L	99
14) Carbon disulfide	2.787	76	331298	50.036	ug/L	99
15) Methyl Acetate	2.948	43	194369	46.483	ug/L	99
16) Methylene chloride	3.041	84	190778	43.552	ug/L	98
17) trans-1,2-Dichloroethene	3.350	96	141524	48.496	ug/L	96
18) Methyl tert-butyl Ether	3.366	73	478137	48.339	ug/L	100
19) 1,1-Dichloroethane	3.867	63	283110	47.622	ug/L	99
20) cis-1,2-Dichloroethene	4.665	96	167275	48.159	ug/L	99
22) 2-Butanone	4.703	43	287937	91.366	ug/L	98
23) Bromochloromethane	4.973	128	87957	47.310	ug/L	97
25) Chloroform	5.086	83	292746	47.698	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	227736	46.777	ug/L	100
29) Cyclohexane	5.388	56	226751	54.633	ug/L	100
30) 1,1,1-Trichloroethane	5.314	97	221484	49.221	ug/L	99
31) Carbon tetrachloride	5.523	117	174211	50.707	ug/L	99
33) Benzene	5.774	78	657538	48.735	ug/L	100
34) Trichloroethene	6.542	95	150788	48.704	ug/L	97
35) Methylcyclohexane	6.764	83	235350	56.537	ug/L	100
37) 1,2-Dichloropropane	6.790	63	179071	48.476	ug/L	100
38) Bromodichloromethane	7.105	83	207540	49.656	ug/L	99
39) cis-1,3-Dichloropropene	7.607	75	243987	50.130	ug/L	99
40) 4-Methyl-2-pentanone	7.793	43	523247	97.857	ug/L	99
42) Toluene	7.970	91	676510	50.540	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	225169	50.785	ug/L	99
45) 1,1,2-Trichloroethane	8.401	97	172309	48.057	ug/L	99
46) Tetrachloroethene	8.552	164	110221	50.893	ug/L	97
48) 2-Hexanone	8.684	43	442844	96.881	ug/L	99
49) Dibromochloromethane	8.809	129	157456	50.580	ug/L	99
50) 1,2-Dibromoethane	8.925	107	179132	48.398	ug/L	98
51) Chlorobenzene	9.446	112	405235	48.647	ug/L	100
52) Ethylbenzene	9.571	91	666129	51.414	ug/L	99
53) m,p-Xylene	9.693	106	255094	52.259	ug/L	98
54) o-Xylene	10.102	106	256692	51.694	ug/L	99
55) Styrene	10.115	104	436751	53.003	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.783	83	306939	47.979	ug/L	99
59) Bromoform	10.291	173	108476	46.375	ug/L	97
60) 1,2,3-Trichloropropane	10.822	75	237664	45.320	ug/L	99
61) Isopropylbenzene	10.484	105	636710	51.114	ug/L	100
62) 1,3,5-Trimethylbenzene	11.089	105	531547	51.907	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	521370	52.417	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	286911	48.270	ug/L	99
65) 1,4-Dichlorobenzene	11.838	146	284209	47.154	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	303830	47.152	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.996	75	60161	48.074	ug/L	95
69) 1,3,5-Trichlorobenzene	13.221	180	202197	49.712	ug/L	100
70) 1,2,4-trichlorobenzene	13.841	180	178988	49.475	ug/L	99
71) Naphthalene	14.089	128	688351	46.374	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	201876	48.284	ug/L	99

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

