

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU083022\
 Data File : VU050520.D
 Acq On : 30 Aug 2022 16:56
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VICV018

Quant Time: Aug 31 01:43:35 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	6.247	114	369617	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	355088	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	163015	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	132168	46.623	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.240%
7) Chloroethane-d5	1.896	69	107183	48.495	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.000%
11) 1,1-Dichloroethene-d2	2.562	63	222454	46.477	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.960%
21) 2-Butanone-d5	4.623	46	251223	101.330	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.330%
24) Chloroform-d	5.060	84	265938	48.212	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.420%
26) 1,2-Dichloroethane-d4	5.700	65	169234	47.233	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.460%
32) Benzene-d6	5.726	84	531934	48.333	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.660%
36) 1,2-Dichloropropane-d6	6.690	67	178287	48.653	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.300%
41) Toluene-d8	7.896	98	475729	49.687	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.380%
43) trans-1,3-Dichloroprop...	8.179	79	73166	49.646	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.300%
47) 2-Hexanone-d5	8.632	63	147143	110.899	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	110.900%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	283327	49.569	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.140%
66) 1,2-Dichlorobenzene-d4	12.192	152	170890	48.419	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.840%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.382	85	106163	45.623	ug/L	99
3) Chloromethane	1.514	50	186630	48.411	ug/L	99
5) Vinyl chloride	1.601	62	171114	48.070	ug/L	99
6) Bromomethane	1.835	94	84779	51.999	ug/L	96
8) Chloroethane	1.919	64	102766	45.872	ug/L	99
9) Trichlorofluoromethane	2.128	101	190331	46.483	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.572	101	111222	45.631	ug/L	99
12) 1,1-Dichloroethene	2.572	96	119703	46.997	ug/L	98
13) Acetone	2.626	43	197441	102.515	ug/L	98
14) Carbon disulfide	2.787	76	300164	47.959	ug/L	99
15) Methyl Acetate	2.948	43	194607	49.235	ug/L	99
16) Methylene chloride	3.041	84	187447	45.269	ug/L	99
17) trans-1,2-Dichloroethene	3.350	96	133914	48.545	ug/L	96
18) Methyl tert-butyl Ether	3.362	73	467633	50.014	ug/L	100
19) 1,1-Dichloroethane	3.864	63	272854	48.554	ug/L	99
20) cis-1,2-Dichloroethene	4.665	96	160802	48.975	ug/L	99
22) 2-Butanone	4.703	43	300048	100.721	ug/L	99
23) Bromochloromethane	4.970	128	85744	48.790	ug/L	96
25) Chloroform	5.086	83	281101	48.452	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	223045	48.466	ug/L	100
29) Cyclohexane	5.385	56	190379	47.976	ug/L	98
30) 1,1,1-Trichloroethane	5.314	97	210189	48.857	ug/L	99
31) Carbon tetrachloride	5.523	117	160795	48.951	ug/L	97
33) Benzene	5.771	78	630506	48.878	ug/L	100
34) Trichloroethene	6.542	95	138601	46.824	ug/L	97
35) Methylcyclohexane	6.761	83	187178	47.030	ug/L	99
37) 1,2-Dichloropropane	6.790	63	169592	48.019	ug/L	100
38) Bromodichloromethane	7.105	83	199691	49.973	ug/L	100
39) cis-1,3-Dichloropropene	7.607	75	235623	50.635	ug/L	99
40) 4-Methyl-2-pentanone	7.790	43	524537	102.603	ug/L	99
42) Toluene	7.970	91	644310	50.345	ug/L	100
44) trans-1,3-Dichloropropene	8.211	75	218302	51.497	ug/L	100
45) 1,1,2-Trichloroethane	8.401	97	170207	49.651	ug/L	98
46) Tetrachloroethene	8.552	164	96734	46.717	ug/L	95
48) 2-Hexanone	8.684	43	449890	102.942	ug/L	97
49) Dibromochloromethane	8.809	129	152870	51.363	ug/L	100
50) 1,2-Dibromoethane	8.922	107	175280	49.533	ug/L	98
51) Chlorobenzene	9.446	112	391433	49.148	ug/L	98
52) Ethylbenzene	9.568	91	621625	50.183	ug/L	100
53) m,p-Xylene	9.693	106	236193	50.610	ug/L	99
54) o-Xylene	10.102	106	248364	52.314	ug/L	99
55) Styrene	10.115	104	417356	52.976	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.780	83	305003	49.866	ug/L	99
59) Bromoform	10.291	173	106683	48.878	ug/L	99
60) 1,2,3-Trichloropropane	10.822	75	238425	48.724	ug/L	100
61) Isopropylbenzene	10.484	105	577442	49.679	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	482660	50.511	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	478839	51.592	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	265781	47.921	ug/L	98
65) 1,4-Dichlorobenzene	11.838	146	262767	46.722	ug/L	100
67) 1,2-Dichlorobenzene	12.211	146	291253	48.440	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.996	75	58560	50.149	ug/L	92
69) 1,3,5-Trichlorobenzene	13.221	180	179611	47.324	ug/L	100
70) 1,2,4-trichlorobenzene	13.841	180	156158	46.258	ug/L	99
71) Naphthalene	14.086	128	638289	46.084	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	180047	46.149	ug/L	100

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

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