

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072022\
 Data File : VU049816.D
 Acq On : 20 Jul 2022 20:48
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050172

Quant Time: Jul 21 04:27:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM071122WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jul 21 04:19:56 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	186245	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	178391	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	88196	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	68771	43.763	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.520%
7) Chloroethane-d5	1.900	69	52962	46.626	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.260%
11) 1,1-Dichloroethene-d2	2.562	63	120409	43.379	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.760%
21) 2-Butanone-d5	4.620	46	151469	112.912	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	112.910%
24) Chloroform-d	5.063	84	139196	50.012	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.020%
26) 1,2-Dichloroethane-d4	5.700	65	94696	50.271	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.540%
32) Benzene-d6	5.726	84	249492	46.036	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.080%
36) 1,2-Dichloropropane-d6	6.690	67	88727	48.674	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.340%
41) Toluene-d8	7.896	98	209003	44.285	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.560%
43) trans-1,3-Dichloroprop...	8.179	79	36714	47.803	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.600%
47) 2-Hexanone-d5	8.632	63	80317	97.950	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.950%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	131374	51.507	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.020%
66) 1,2-Dichlorobenzene-d4	12.192	152	78946	47.475	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.960%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.382	85	104847	46.963	ug/L	100
3) Chloromethane	1.520	50	125235	51.112	ug/L	100
5) Vinyl chloride	1.601	62	107609	48.602	ug/L	100
6) Bromomethane	1.838	94	53673	52.468	ug/L	96
8) Chloroethane	1.922	64	59411	48.439	ug/L	95
9) Trichlorofluoromethane	2.131	101	134605	49.228	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	69378	48.355	ug/L	99
12) 1,1-Dichloroethene	2.575	96	65580	49.249	ug/L	95
13) Acetone	2.623	43	117958	92.525	ug/L	97
14) Carbon disulfide	2.787	76	187735	41.808	ug/L	98
15) Methyl Acetate	2.945	43	127026	61.330	ug/L	100
16) Methylene chloride	3.041	84	92143	54.950	ug/L	97
17) trans-1,2-Dichloroethene	3.350	96	71827	49.309	ug/L	98
18) Methyl tert-butyl Ether	3.363	73	278487	55.815	ug/L	100
19) 1,1-Dichloroethane	3.867	63	164050	54.094	ug/L	98
20) cis-1,2-Dichloroethene	4.665	96	87804	53.633	ug/L	98
22) 2-Butanone	4.700	43	195581	114.585	ug/L	100
23) Bromochloromethane	4.973	128	45803	56.071	ug/L	94
25) Chloroform	5.086	83	169116	55.612	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	141780	54.753	ug/L	99
29) Cyclohexane	5.385	56	123935	44.509	ug/L	99
30) 1,1,1-Trichloroethane	5.314	97	136154	52.720	ug/L	98
31) Carbon tetrachloride	5.523	117	112552	53.284	ug/L	100
33) Benzene	5.774	78	352828	52.618	ug/L	100
34) Trichloroethene	6.539	95	82179	50.701	ug/L	98
35) Methylcyclohexane	6.761	83	113423	44.531	ug/L	97
37) 1,2-Dichloropropane	6.790	63	103170	55.510	ug/L	100
38) Bromodichloromethane	7.105	83	126898	55.069	ug/L	100
39) cis-1,3-Dichloropropene	7.607	75	133260	53.163	ug/L	100
40) 4-Methyl-2-pentanone	7.790	43	356353	118.436	ug/L	99
42) Toluene	7.970	91	355486	53.342	ug/L	96
44) trans-1,3-Dichloropropene	8.211	75	129060	54.836	ug/L	98
45) 1,1,2-Trichloroethane	8.401	97	91843	56.614	ug/L	96
46) Tetrachloroethene	8.552	164	55010	48.934	ug/L	97
48) 2-Hexanone	8.684	43	293544	122.086	ug/L	99
49) Dibromochloromethane	8.809	129	93009	57.003	ug/L	97
50) 1,2-Dibromoethane	8.922	107	94926	58.906	ug/L	100
51) Chlorobenzene	9.446	112	211737	52.465	ug/L	99
52) Ethylbenzene	9.568	91	362705	51.575	ug/L	96
53) m,p-Xylene	9.693	106	133717	52.291	ug/L	97
54) o-Xylene	10.099	106	136262	52.920	ug/L	96
55) Styrene	10.115	104	233528	54.957	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.780	83	168186	57.916	ug/L	99
59) Bromoform	10.292	173	67046	56.678	ug/L	97
60) 1,2,3-Trichloropropane	10.822	75	135420	57.646	ug/L	100
61) Isopropylbenzene	10.484	105	340142	51.650	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	294024	52.930	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	283283	51.333	ug/L	98
64) 1,3-Dichlorobenzene	11.745	146	148094	51.514	ug/L	99
65) 1,4-Dichlorobenzene	11.835	146	143230	49.599	ug/L	97
67) 1,2-Dichlorobenzene	12.211	146	156152	52.236	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.996	75	40992	59.552	ug/L	97
69) 1,3,5-Trichlorobenzene	13.217	180	99652	49.469	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	82744	44.760	ug/L	97
71) Naphthalene	14.086	128	315648	47.764	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	92406	48.256	ug/L	99

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

