

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032223\
 Data File : VU053358.D
 Acq On : 22 Mar 2023 17:34
 Operator : JC/MD
 Sample : 01961-17MSD
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EYFE0MSD

Quant Time: Mar 23 02:46:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM031523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 23 02:41:20 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	105176	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	100277	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	51453	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	37667	38.820	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	77.640%
7) Chloroethane-d5	1.912	69	36961	47.092	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.180%
11) 1,1-Dichloroethene-d2	2.568	63	67393	40.094	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.180%
21) 2-Butanone-d5	4.620	46	49353	109.665	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	109.670%
24) Chloroform-d	5.057	84	71347	44.643	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.280%
26) 1,2-Dichloroethane-d4	5.697	65	47644	48.003	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.000%
32) Benzene-d6	5.723	84	139543	42.903	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.800%
36) 1,2-Dichloropropane-d6	6.684	67	47486	45.236	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.480%
41) Toluene-d8	7.893	98	129618	42.804	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.600%
43) trans-1,3-Dichloroprop...	8.173	79	23320	45.026	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.060%
47) 2-Hexanone-d5	8.626	63	34779	105.973	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.970%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	70449	51.806	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.620%
66) 1,2-Dichlorobenzene-d4	12.189	152	46103	46.275	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.560%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	43158	39.312	ug/L	100
3) Chloromethane	1.520	50	45070	44.553	ug/L	98
5) Vinyl chloride	1.604	62	54877	49.591	ug/L	99
6) Bromomethane	1.855	94	34263	51.509	ug/L	93
8) Chloroethane	1.932	64	31893	48.792	ug/L	99
9) Trichlorofluoromethane	2.138	101	60945	44.141	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	35201	42.146	ug/L	97
12) 1,1-Dichloroethene	2.578	96	31749	41.104	ug/L	95
13) Acetone	2.629	43	34203	66.731	ug/L	93
14) Carbon disulfide	2.790	76	90385	38.635	ug/L	99
15) Methyl Acetate	2.945	43	36202	51.530	ug/L	97
16) Methylene chloride	3.044	84	37782	40.320	ug/L	96
17) trans-1,2-Dichloroethene	3.350	96	32716	41.745	ug/L	93
18) Methyl tert-butyl Ether	3.356	73	118243	44.869	ug/L	98
19) 1,1-Dichloroethane	3.864	63	71091	44.438	ug/L	100
20) cis-1,2-Dichloroethene	4.662	96	41884	45.501	ug/L	99
22) 2-Butanone	4.697	43	57054	97.706	ug/L	95
23) Bromochloromethane	4.970	128	19329	44.039	ug/L	93
25) Chloroform	5.083	83	72617	45.361	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.787	62	63047	49.890	ug/L	96
29) Cyclohexane	5.382	56	63334	42.387	ug/L	98
30) 1,1,1-Trichloroethane	5.311	97	60641	44.366	ug/L	97
31) Carbon tetrachloride	5.520	117	48934	43.699	ug/L	100
33) Benzene	5.768	78	158518	45.597	ug/L	100
34) Trichloroethene	6.539	95	40634	44.826	ug/L	98
35) Methylcyclohexane	6.758	83	65779	41.398	ug/L	97
37) 1,2-Dichloropropane	6.784	63	46681	48.128	ug/L	99
38) Bromodichloromethane	7.102	83	55454	45.941	ug/L	95
39) cis-1,3-Dichloropropene	7.604	75	72504	45.499	ug/L	99
40) 4-Methyl-2-pentanone	7.784	43	115244	115.597	ug/L	96
42) Toluene	7.964	91	171594	45.911	ug/L	96
44) trans-1,3-Dichloropropene	8.205	75	70409	48.336	ug/L	99
45) 1,1,2-Trichloroethane	8.395	97	42939	48.618	ug/L	100
46) Tetrachloroethene	8.549	164	25978	44.049	ug/L	97
48) 2-Hexanone	8.677	43	89583	107.307	ug/L	97
49) Dibromochloromethane	8.806	129	38098	42.170	ug/L	99
50) 1,2-Dibromoethane	8.919	107	43399	46.117	ug/L	98
51) Chlorobenzene	9.443	112	106757	45.830	ug/L	98
52) Ethylbenzene	9.565	91	195690	46.170	ug/L	98
53) m,p-Xylene	9.690	106	73344	46.363	ug/L	96
54) o-Xylene	10.095	106	73033	46.678	ug/L	95
55) Styrene	10.108	104	121496	46.592	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.777	83	75980	52.472	ug/L	97
59) Bromoform	10.285	173	25310	43.225	ug/L	98
60) 1,2,3-Trichloropropane	10.816	75	58370	57.090	ug/L	96
61) Isopropylbenzene	10.478	105	191044	46.993	ug/L	99
62) 1,3,5-Trimethylbenzene	11.083	105	152091	45.196	ug/L	99
63) 1,2,4-Trimethylbenzene	11.462	105	150148	45.775	ug/L	99
64) 1,3-Dichlorobenzene	11.742	146	79985	46.913	ug/L	100
65) 1,4-Dichlorobenzene	11.832	146	81559	47.650	ug/L	98
67) 1,2-Dichlorobenzene	12.208	146	79679	46.757	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.989	75	15905	56.256	ug/L	89
69) 1,3,5-Trichlorobenzene	13.214	180	49419	45.717	ug/L	99
70) 1,2,4-trichlorobenzene	13.835	180	45876	47.232	ug/L	98
71) Naphthalene	14.079	128	174975	53.448	ug/L	100
72) 1,2,3-Trichlorobenzene	14.324	180	45334	49.218	ug/L	98

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

