

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120321\
 Data File : VU046076.D
 Acq On : 03 Dec 2021 16:10
 Operator : SY/MD
 Sample : M4869-03MS
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ESQN3MS

Quant Time: Dec 04 03:07:59 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 03 05:08:36 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	220542	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	216352	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	114050	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	57673	31.746	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	63.500%
7) Chloroethane-d5	1.919	69	48679	34.899	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	69.800%#
11) 1,1-Dichloroethene-d2	2.575	63	121099	37.132	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.260%
21) 2-Butanone-d5	4.636	46	134322	93.008	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.010%
24) Chloroform-d	5.067	84	134548	44.349	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.700%
26) 1,2-Dichloroethane-d4	5.703	65	88978	43.702	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.400%
32) Benzene-d6	5.729	84	259621	41.867	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.740%
36) 1,2-Dichloropropane-d6	6.693	67	86526	45.023	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.040%
41) Toluene-d8	7.899	98	236945	41.967	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.940%
43) trans-1,3-Dichloroprop...	8.179	79	41325	44.545	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.080%
47) 2-Hexanone-d5	8.632	63	94699	103.928	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.930%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	138017	47.355	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.720%
66) 1,2-Dichlorobenzene-d4	12.195	152	99721	45.402	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	104062	43.369	ug/L	100
3) Chloromethane	1.520	50	91961	42.849	ug/L	98
5) Vinyl chloride	1.607	62	102578	47.403	ug/L	100
6) Bromomethane	1.861	94	56752	46.271	ug/L	95
8) Chloroethane	1.938	64	53336	42.569	ug/L	99
9) Trichlorofluoromethane	2.144	101	120297	42.580	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	72439	45.140	ug/L	96
12) 1,1-Dichloroethene	2.584	96	71025	46.576	ug/L	88
13) Acetone	2.652	43	81598	45.208	ug/L	99
14) Carbon disulfide	2.797	76	212436	44.902	ug/L	100
15) Methyl Acetate	2.957	43	89798	42.678	ug/L	98
16) Methylene chloride	3.051	84	80968	44.628	ug/L	98
17) trans-1,2-Dichloroethene	3.359	96	76492	47.400	ug/L	99
18) Methyl tert-butyl Ether	3.366	73	246643	49.593	ug/L	99
19) 1,1-Dichloroethane	3.874	63	141449	48.207	ug/L	98
20) cis-1,2-Dichloroethene	4.671	96	86036	49.134	ug/L	100
22) 2-Butanone	4.713	43	131782	67.070	ug/L	98
23) Bromochloromethane	4.976	128	44527	50.349	ug/L	88
25) Chloroform	5.092	83	147815	45.341	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.796	62	111971	46.285	ug/L	99
29) Cyclohexane	5.391	56	122151	48.487	ug/L	99
30) 1,1,1-Trichloroethane	5.321	97	126102	47.483	ug/L	100
31) Carbon tetrachloride	5.526	117	107736	47.785	ug/L	97
33) Benzene	5.777	78	318008	48.565	ug/L	100
34) Trichloroethene	6.542	95	81543	47.270	ug/L	99
35) Methylcyclohexane	6.767	83	128872	48.180	ug/L	98
37) 1,2-Dichloropropane	6.793	63	84165	49.066	ug/L	99
38) Bromodichloromethane	7.108	83	107853	47.305	ug/L	99
39) cis-1,3-Dichloropropene	7.610	75	134858	51.679	ug/L	99
40) 4-Methyl-2-pentanone	7.793	43	241464	95.810	ug/L	99
42) Toluene	7.970	91	349528	49.746	ug/L	98
44) trans-1,3-Dichloropropene	8.211	75	127707	49.828	ug/L	99
45) 1,1,2-Trichloroethane	8.401	97	83455	48.494	ug/L	97
46) Tetrachloroethene	8.555	164	63635	50.197	ug/L	96
48) 2-Hexanone	8.687	43	189646	84.141	ug/L	99
49) Dibromochloromethane	8.812	129	90008	49.806	ug/L	98
50) 1,2-Dibromoethane	8.925	107	91233	48.898	ug/L	99
51) Chlorobenzene	9.449	112	220682	48.547	ug/L	99
52) Ethylbenzene	9.571	91	378257	50.022	ug/L	98
53) m,p-Xylene	9.693	106	148764	50.445	ug/L	99
54) o-xylene	10.102	106	144200	50.393	ug/L	96
55) Styrene	10.115	104	249969	51.166	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.783	83	139359	47.234	ug/L	99
59) Bromoform	10.291	173	64031	47.858	ug/L	99
60) 1,2,3-Trichloropropane	10.825	75	114646	45.857	ug/L	99
61) Isopropylbenzene	10.484	105	382649	51.566	ug/L	100
62) 1,3,5-Trimethylbenzene	11.089	105	328380	53.092	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	326980	52.840	ug/L	98
64) 1,3-Dichlorobenzene	11.745	146	174310	49.452	ug/L	99
65) 1,4-Dichlorobenzene	11.838	146	177591	48.750	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	175450	49.428	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.995	75	31919	47.925	ug/L	94
69) 1,3,5-Trichlorobenzene	13.221	180	128524	50.042	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	117435	51.526	ug/L	99
71) Naphthalene	14.085	128	432080	54.480	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	120451	51.826	ug/L	99

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

