

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121021\
 Data File : VU046262.D
 Acq On : 10 Dec 2021 13:41
 Operator : SY/MD
 Sample : M4943-02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BGKQ3

Quant Time: Dec 10 22:24:13 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	6.282	114	202281	50.000	ug/L	0.03
28) Chlorobenzene-d5	9.427	117	210524	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	127705	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.610	65	55240	33.152	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	66.300%
7) Chloroethane-d5	1.941	69	44828	35.039	ug/L	0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	70.080%
11) 1,1-Dichloroethene-d2	2.584	63	73439	24.551	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	49.100%#
21) 2-Butanone-d5	4.755	46	125080	94.427	ug/L	0.11
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.430%
24) Chloroform-d	5.115	84	118785	42.688	ug/L	0.04
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.380%
26) 1,2-Dichloroethane-d4	5.745	65	82147	43.989	ug/L	0.04
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.980%
32) Benzene-d6	5.764	84	259152	42.949	ug/L	0.03
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.900%
36) 1,2-Dichloropropane-d6	6.719	67	82723	44.236	ug/L	0.03
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.480%
41) Toluene-d8	7.915	98	242294	44.102	ug/L	0.01
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.200%
43) trans-1,3-Dichloroprop...	8.195	79	43589	48.286	ug/L	0.01
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.580%
47) 2-Hexanone-d5	8.652	63	109561	123.567	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	123.570%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	165401	58.322	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	116.640%
66) 1,2-Dichlorobenzene-d4	12.198	152	106533	43.317	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.640%
Target Compounds						
					Qvalue	
13) Acetone	2.777	43	265814	160.566	ug/L	97
20) cis-1,2-Dichloroethene	4.723	96	15914	9.909	ug/L	97
29) Cyclohexane	5.411	56	6409	2.614	ug/L #	42
33) Benzene	5.813	78	143922	22.587	ug/L	100
35) Methylcyclohexane	6.787	83	19251	7.396	ug/L	90
42) Toluene	7.986	91	2237242	327.223	ug/L	99
46) Tetrachloroethene	8.568	164	2575	2.087	ug/L	94
51) Chlorobenzene	9.455	112	63939	14.455	ug/L	99
52) Ethylbenzene	9.581	91	5342258	726.033	ug/L	98
53) m,p-Xylene	9.709	106	5806461	2023.456	ug/L	98
54) o-xylene	10.108	106	2069818	743.353	ug/L	99
61) Isopropylbenzene	10.491	105	862074	103.752	ug/L	100
62) 1,3,5-Trimethylbenzene	11.095	105	2429471	350.793	ug/L	99
63) 1,2,4-Trimethylbenzene	11.478	105	7791197	1124.427	ug/L	99
67) 1,2-Dichlorobenzene	12.217	146	89890	22.616	ug/L #	82
70) 1,2,4-trichlorobenzene	13.844	180	49974	19.582	ug/L #	76
72) 1,2,3-Trichlorobenzene	14.333	180	13425	5.159	ug/L #	9

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

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