

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020521\
 Data File : VU042282.D
 Acq On : 05 Feb 2021 16:45
 Operator : SY/MD
 Sample : M1327-01DL 50X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 X2Z60DL

Quant Time: Feb 06 07:26:20 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM020521WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Feb 06 07:13:30 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.259	114	187517	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.426	117	175012	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	91429	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	64598	45.77	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.54%
7) Chloroethane-d5	1.916	69	47735	49.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.64%
11) 1,1-Dichloroethene-d2	2.575	63	124452	41.32	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.64%
21) 2-Butanone-d5	4.636	46	144480	98.95	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.95%
24) Chloroform-d	5.073	84	132130	46.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.24%
26) 1,2-Dichloroethane-d4	5.713	65	98289	49.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.04%
32) Benzene-d6	5.735	84	245064	48.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.38%
36) 1,2-Dichloropropane-d6	6.700	67	82572	48.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.24%
41) Toluene-d8	7.906	98	229239	47.59	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.18%
43) trans-1,3-Dichloroprop...	8.185	79	42552	48.19	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.38%
47) 2-Hexanone-d5	8.642	63	95512	99.45	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.45%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	119299	47.18	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.36%
66) 1,2-Dichlorobenzene-d4	12.201	152	91354	47.65	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.30%
Target Compounds						
					Qvalue	
8) Chloroethane	1.938	64	14151	18.12	ug/L	99
12) 1,1-Dichloroethene	2.584	96	24606	20.44	ug/L	# 17
16) Methylene chloride	3.054	84	14412	10.59	ug/L	95
18) Methyl tert-butyl Ether	3.372	73	106460	23.59	ug/L	99
25) Chloroform	5.099	83	20379	7.73	ug/L	97
30) 1,1,1-Trichloroethane	5.327	97	25275	10.55	ug/L	98
31) Carbon tetrachloride	5.533	117	42228	20.50	ug/L	98
33) Benzene	5.784	78	120143	22.45	ug/L	100
34) Trichloroethene	6.552	95	51996	37.09	ug/L	98
38) Bromodichloromethane	7.115	83	41671	20.69	ug/L	96
39) cis-1,3-Dichloropropene	7.616	75	15955	6.84	ug/L	95
40) 4-Methyl-2-pentanone	7.803	43	139780	47.25	ug/L	99
42) Toluene	7.976	91	265576	46.46	ug/L	99
44) trans-1,3-Dichloropropene	8.218	75	100482	43.71	ug/L	98
45) 1,1,2-Trichloroethane	8.407	97	77517	56.41	ug/L	98
46) Tetrachloroethene	8.562	164	35872	32.38	ug/L	99
48) 2-Hexanone	8.697	43	118992	49.68	ug/L	96
49) Dibromochloromethane	8.819	129	37544	23.46	ug/L	100
50) 1,2-Dibromoethane	8.931	107	7649	4.96	ug/L	99

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51) Chlorobenzene	9.455	112	90514	24.95	ug/L	99
53) m,p-Xylene	9.703	106	95999	40.46	ug/L	100
54) o-xylene	10.108	106	13486	5.71	ug/L	96
55) Styrene	10.121	104	154442	38.28	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.790	83	94986	37.97	ug/L	99
59) Bromoform	10.298	173	13777	10.74	ug/L	98
62) 1,3,5-Trimethylbenzene	11.095	105	216774	41.16	ug/L	98
64) 1,3-Dichlorobenzene	11.754	146	42581	14.84	ug/L	99
65) 1,4-Dichlorobenzene	11.844	146	57651	19.72	ug/L	100
67) 1,2-Dichlorobenzene	12.221	146	109753	37.21	ug/L	99
70) 1,2,4-trichlorobenzene	13.848	180	61686	33.24	ug/L	99

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

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