

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042420\
 Data File : VU037869.D
 Acq On : 24 Apr 2020 14:31
 Operator : JC/MD
 Sample : L2395-01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0D86

Manual Integrations
 APPROVED

MMDadoda
 4/28/2020 12:01:57 PM

Quant Time: Apr 25 01:44:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 25 01:13:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	372858	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	366545	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	151968	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	387289m	118.88	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	237.76%#
7) Chloroethane-d5	1.93	69	144044	57.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	114.10%
11) 1,1-Dichloroethene-d2	2.61	63	4129213	783.06	ug/L	0.01
Spiked Amount	50.000	Range	60 - 125	Recovery	=	1566.12%#
21) 2-Butanone-d5	4.80	46	142	0.06	ug/L	0.14
Spiked Amount	100.000	Range	40 - 130	Recovery	=	0.06%#
24) Chloroform-d	5.11	84	287232	57.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	115.76%
26) 1,2-Dichloroethane-d4	5.74	65	202964	59.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	118.14%
32) Benzene-d6	5.76	84	616730	59.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	119.00%
36) 1,2-Dichloropropane-d6	6.72	67	208205	60.05	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	120.10%#
41) Toluene-d8	7.92	98	573158	60.16	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	120.32%#
43) trans-1,3-Dichloropropene-	8.20	79	110722	62.05	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	124.10%
47) 2-Hexanone-d5	8.65	63	229552	121.63	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	121.63%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	224271	46.49	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.98%
64) 1,2-Dichlorobenzene-d4	12.20	152	169346	57.27	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	114.54%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.61	62	14398187m	3892.276	ug/L	
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	16662	7.270	ug/L #	31
12) 1,1-Dichloroethene	2.61	96	6643596	2934.886	ug/L #	68
13) Acetone	2.66	43	37148	24.121	ug/L	94
15) Methyl Acetate	2.98	43	3203	0.860	ug/L #	75
16) Methylene chloride	3.08	84	11135	4.140	ug/L	85
17) trans-1,2-Dichloroethene	3.39	96	809847	319.966	ug/L	97
19) 1,1-Dichloroethane	3.92	63	3887543	761.962	ug/L	100
20) cis-1,2-Dichloroethene	4.69	96	37525755m	13541.119	ug/L	
27) 1,2-Dichloroethane	5.83	62	110436	27.010	ug/L	100
30) 1,1,1-Trichloroethane	5.36	97	4718166	1152.599	ug/L	99
33) Benzene	5.81	78	29511	2.653	ug/L	100
34) Trichloroethene	6.57	95	534495	195.862	ug/L	99
40) 4-Methyl-2-pentanone	7.82	43	24624	4.660	ug/L	99
42) Toluene	7.99	91	351797	30.160	ug/L	99
45) 1,1,2-Trichloroethane	8.42	97	207003	78.092	ug/L	99
52) Ethylbenzene	9.59	91	642453	49.183	ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
53) m,p-Xylene	9.71	106	1095764	222.801	ug/L	100
54) o-xylene	10.12	106	602356	125.231	ug/L	97
56) Isopropylbenzene	10.50	105	20466	1.608	ug/L	98
59) 1,2,3-Trichloropropane	10.84	75	7085	1.736	ug/L	97

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

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