

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042920\
 Data File : VU037906.D
 Acq On : 29 Apr 2020 11:52
 Operator : JC/MD
 Sample : L2410-01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DBFD9

Quant Time: May 01 09:51:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 30 01:17:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	691950	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	669614	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	325398	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	218570	36.15	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	72.30%
7) Chloroethane-d5	1.91	69	194833	41.58	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	83.16%
11) 1,1-Dichloroethene-d2	2.59	63	450827	46.07	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.14%
21) 2-Butanone-d5	4.66	46	420009	87.68	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	87.68%
24) Chloroform-d	5.10	84	419433	45.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.10%
26) 1,2-Dichloroethane-d4	5.74	65	283923	44.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.06%
32) Benzene-d6	5.76	84	839419	44.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.66%
36) 1,2-Dichloropropane-d6	6.72	67	287318	45.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.72%
41) Toluene-d8	7.92	98	751960	43.21	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.42%
43) trans-1,3-Dichloropropene-	8.20	79	139219	42.71	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.42%
47) 2-Hexanone-d5	8.65	63	327249	94.92	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.92%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	453850	51.50	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.00%
64) 1,2-Dichlorobenzene-d4	12.20	152	295824	46.72	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.44%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.39	85	154033	26.982	ug/L	99
3) Chloromethane	1.53	50	176257	28.328	ug/L	99
5) Vinyl chloride	1.62	62	374178	54.506	ug/L	98
6) Bromomethane	1.84	94	64719	22.784	ug/L	100
8) Chloroethane	1.93	64	112446	29.153	ug/L	98
9) Trichlorofluoromethane	2.15	101	320823	43.955	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	96841	22.767	ug/L	96
12) 1,1-Dichloroethene	2.60	96	283107	67.392	ug/L	87
16) Methylene chloride	3.07	84	220883	44.249	ug/L	97
17) trans-1,2-Dichloroethene	3.38	96	100169	21.326	ug/L	94
19) 1,1-Dichloroethane	3.91	63	616744	65.138	ug/L	99
20) cis-1,2-Dichloroethene	4.70	96	224274	43.609	ug/L	94
23) Bromochloromethane	5.01	128	99563	40.064	ug/L	96
25) Chloroform	5.12	83	532615	60.119	ug/L	100
27) 1,2-Dichloroethane	5.83	62	534281	70.414	ug/L	100
30) 1,1,1-Trichloroethane	5.35	97	151818	20.302	ug/L	98
31) Carbon tetrachloride	5.56	117	363451	60.121	ug/L	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

33) Benzene	5.81	78	967862	47.622	ug/L	100
34) Trichloroethene	6.57	95	405551	81.350	ug/L	98
37) 1,2-Dichloropropane	6.82	63	225494	40.622	ug/L	99
38) Bromodichloromethane	7.13	83	136091	20.292	ug/L	97
39) cis-1,3-Dichloropropene	7.63	75	223108	25.103	ug/L	98
44) trans-1,3-Dichloropropene	8.23	75	384775	44.852	ug/L	96
45) 1,1,2-Trichloroethane	8.42	97	128958	26.631	ug/L	98
46) Tetrachloroethene	8.57	164	247101	67.813	ug/L	99
49) Dibromochloromethane	8.83	129	197883	39.135	ug/L	97
50) 1,2-Dibromoethane	8.94	107	161696	30.826	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.80	83	359748	41.772	ug/L	98
61) Bromoform	10.31	173	173383	47.346	ug/L	99
66) 1,2-Dibromo-3-chloropropan	13.01	75	84649	38.365	ug/L	97

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

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