

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042320\
 Data File : VU037864.D
 Acq On : 23 Apr 2020 16:51
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VICV32

Quant Time: Apr 24 02:06:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 24 01:38:57 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	544741	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	522223	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	265144	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	248095	52.12	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	104.24%
7) Chloroethane-d5	1.93	69	193136	52.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	104.72%
11) 1,1-Dichloroethene-d2	2.59	63	400981	52.05	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	104.10%
21) 2-Butanone-d5	4.66	46	366701	97.23	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.23%
24) Chloroform-d	5.10	84	372974	51.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.90%
26) 1,2-Dichloroethane-d4	5.74	65	250076	49.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.64%
32) Benzene-d6	5.76	84	775924	52.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.08%
36) 1,2-Dichloropropane-d6	6.72	67	258066	52.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.50%
41) Toluene-d8	7.93	98	714636	52.65	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.30%
43) trans-1,3-Dichloropropene-	8.20	79	129350	50.88	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.76%
47) 2-Hexanone-d5	8.66	63	272173	101.22	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.22%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	349734	50.89	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.78%
64) 1,2-Dichlorobenzene-d4	12.21	152	260951	50.58	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.16%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.40	85	238310	53.026	ug/L 99
3) Chloromethane	1.54	50	252963	51.644	ug/L 99
5) Vinyl chloride	1.62	62	282583	52.287	ug/L 98
6) Bromomethane	1.87	94	121624	54.387	ug/L 97
8) Chloroethane	1.95	64	160205	52.759	ug/L 99
9) Trichlorofluoromethane	2.16	101	300750	52.340	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	176844	52.812	ug/L 99
12) 1,1-Dichloroethene	2.60	96	172228	52.077	ug/L 98
13) Acetone	2.65	43	220522	98.007	ug/L 100
14) Carbon disulfide	2.82	76	604004	51.067	ug/L 99
15) Methyl Acetate	2.98	43	272059	50.026	ug/L 100
16) Methylene chloride	3.08	84	204003	51.912	ug/L 95
17) trans-1,2-Dichloroethene	3.39	96	193370	52.293	ug/L 96
18) Methyl tert-butyl Ether	3.40	73	654145	51.355	ug/L 99
19) 1,1-Dichloroethane	3.91	63	386076	51.795	ug/L 99
20) cis-1,2-Dichloroethene	4.71	96	212266	52.427	ug/L 98
22) 2-Butanone	4.75	43	387296	98.300	ug/L 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	5.01	128	103142	52.720	ug/L	97
25) Chloroform	5.13	83	363479	52.115	ug/L	99
27) 1,2-Dichloroethane	5.83	62	308097	51.577	ug/L	99
29) Cyclohexane	5.42	56	388076	53.118	ug/L	99
30) 1,1,1-Trichloroethane	5.35	97	313516	53.757	ug/L	99
31) Carbon tetrachloride	5.56	117	255191	54.127	ug/L	99
33) Benzene	5.81	78	842627	53.161	ug/L	100
34) Trichloroethene	6.57	95	203989	52.467	ug/L	99
35) Methylcyclohexane	6.79	83	366560	53.843	ug/L	99
37) 1,2-Dichloropropane	6.82	63	230617	53.271	ug/L	99
38) Bromodichloromethane	7.13	83	276906	52.941	ug/L	97
39) cis-1,3-Dichloropropene	7.64	75	362942	52.363	ug/L	100
40) 4-Methyl-2-pentanone	7.82	43	762093	101.224	ug/L	99
42) Toluene	8.00	91	876433	52.738	ug/L	100
44) trans-1,3-Dichloropropene	8.23	75	351587	52.550	ug/L	98
45) 1,1,2-Trichloroethane	8.42	97	198399	52.534	ug/L	99
46) Tetrachloroethene	8.58	164	149577	52.635	ug/L	97
48) 2-Hexanone	8.71	43	583582	98.036	ug/L	99
49) Dibromochloromethane	8.84	129	208367	52.838	ug/L	100
50) 1,2-Dibromoethane	8.95	107	214929	52.539	ug/L	99
51) Chlorobenzene	9.47	112	538950	52.139	ug/L	100
52) Ethylbenzene	9.59	91	977051	52.500	ug/L	99
53) m,p-Xylene	9.71	106	370593	52.889	ug/L	98
54) o-xylene	10.12	106	362110	52.841	ug/L	99
55) Styrene	10.13	104	622911	52.856	ug/L	99
56) Isopropylbenzene	10.50	105	960948	52.985	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.80	83	348093	51.826	ug/L	99
59) 1,2,3-Trichloropropane	10.84	75	298502	51.329	ug/L	100
61) Bromoform	10.31	173	157072	52.639	ug/L	100
62) 1,3-Dichlorobenzene	11.76	146	423643	51.031	ug/L	99
63) 1,4-Dichlorobenzene	11.85	146	427591	51.031	ug/L	98
65) 1,2-Dichlorobenzene	12.23	146	418399	51.865	ug/L	98
66) 1,2-Dibromo-3-chloropropan	13.02	75	86088	47.884	ug/L	96
67) 1,3,5-Trichlorobenzene	13.24	180	306862	50.863	ug/L	99
68) 1,2,4-trichlorobenzene	13.87	180	290113	49.443	ug/L	99
69) Naphthalene	14.12	128	991062	47.102	ug/L	100
70) 1,2,3-Trichlorobenzene	14.37	180	287927	49.694	ug/L	100

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

