

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU040320\
 Data File : VU037565.D
 Acq On : 03 Apr 2020 12:25
 Operator : JC/MD
 Sample : VSTD01031
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD01031

Quant Time: Apr 04 02:56:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 04 02:49:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	176506	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	167732	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	78578	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	13361	9.32	ug/L	0.00
7) Chloroethane-d5	1.93	69	10897	9.46	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.59	63	23921	9.93	ug/L	0.00
21) 2-Butanone-d5	4.67	46	22422	20.81	ug/L	0.00
24) Chloroform-d	5.11	84	23933	9.91	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.74	65	15582	9.72	ug/L	0.00
32) Benzene-d6	5.76	84	48277	9.93	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.72	67	15390	9.41	ug/L	0.00
41) Toluene-d8	7.92	98	44557	9.84	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.20	79	8695	9.79	ug/L	0.00
47) 2-Hexanone-d5	8.65	63	17420	20.10	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.77	84	23277	9.95	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.20	152	16496	10.29	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.40	85	11595	10.161 ug/L	99
3) Chloromethane	1.54	50	12271	10.138 ug/L	97
5) Vinyl chloride	1.62	62	12688	10.556 ug/L	96
6) Bromomethane	1.87	94	6053	10.211 ug/L	86
8) Chloroethane	1.95	64	7708	10.873 ug/L	98
9) Trichlorofluoromethane	2.16	101	17510	10.268 ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	10719	11.021 ug/L	99
12) 1,1-Dichloroethene	2.60	96	10506	11.127 ug/L	92
13) Acetone	2.66	43	12439	19.973 ug/L	98
14) Carbon disulfide	2.82	76	28621	10.494 ug/L #	95
15) Methyl Acetate	2.98	43	15462	10.956 ug/L	95
16) Methylene chloride	3.08	84	12473	10.891 ug/L	97
17) trans-1,2-Dichloroethene	3.39	96	10535	10.362 ug/L	90
18) Methyl tert-butyl Ether	3.40	73	37244	10.450 ug/L	97
19) 1,1-Dichloroethane	3.91	63	20752	10.418 ug/L	98
20) cis-1,2-Dichloroethene	4.71	96	12596	10.758 ug/L	96
22) 2-Butanone	4.75	43	21006	20.665 ug/L	96
23) Bromochloromethane	5.02	128	6053	10.771 ug/L #	84
25) Chloroform	5.13	83	21220	10.217 ug/L	95
27) 1,2-Dichloroethane	5.83	62	16503	10.296 ug/L	99
29) Cyclohexane	5.42	56	17945	10.209 ug/L	95
30) 1,1,1-Trichloroethane	5.35	97	18108	10.185 ug/L	96
31) Carbon tetrachloride	5.56	117	15529	10.612 ug/L	96
33) Benzene	5.81	78	46454	10.570 ug/L	100
34) Trichloroethene	6.57	95	12221	10.634 ug/L	95
35) Methylcyclohexane	6.79	83	18974	10.686 ug/L	100
37) 1,2-Dichloropropane	6.83	63	13501	10.782 ug/L #	94
38) Bromodichloromethane	7.13	83	16793	10.311 ug/L	99
39) cis-1,3-Dichloropropene	7.64	75	20300	10.379 ug/L	98
40) 4-Methyl-2-pentanone	7.82	43	42456	20.894 ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.99	91	49934	10.499	ug/L	100
44) trans-1,3-Dichloropropene	8.23	75	19526	10.138	ug/L	99
45) 1,1,2-Trichloroethane	8.42	97	11951	10.453	ug/L	92
46) Tetrachloroethene	8.57	164	7998	10.365	ug/L	89
48) 2-Hexanone	8.71	43	34304	21.708	ug/L	98
49) Dibromochloromethane	8.83	129	12755	10.002	ug/L	94
50) 1,2-Dibromoethane	8.94	107	13300	10.578	ug/L	96
51) Chlorobenzene	9.47	112	29996	10.168	ug/L	94
52) Ethylbenzene	9.59	91	55293	10.281	ug/L	99
53) m,p-Xylene	9.71	106	20692	10.314	ug/L	97
54) o-xylene	10.12	106	20374	10.537	ug/L	96
55) Styrene	10.13	104	35591	10.395	ug/L	95
56) Isopropylbenzene	10.50	105	54892	10.470	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.80	83	21955	10.652	ug/L	100
59) 1,2,3-Trichloropropane	10.84	75	16762	10.413	ug/L	95
61) Bromoform	10.31	173	9567	10.650	ug/L #	97
62) 1,3-Dichlorobenzene	11.76	146	24668	10.872	ug/L	99
63) 1,4-Dichlorobenzene	11.85	146	24601	10.743	ug/L	96
65) 1,2-Dichlorobenzene	12.22	146	24324	10.827	ug/L	100
66) 1,2-Dibromo-3-chloropropan	13.01	75	5534	10.270	ug/L #	88
67) 1,3,5-Trichlorobenzene	13.24	180	16946	10.760	ug/L	99
68) 1,2,4-trichlorobenzene	13.87	180	16175	10.774	ug/L	95
69) Naphthalene	14.11	128	70862	11.141	ug/L	99
70) 1,2,3-Trichlorobenzene	14.36	180	17526	11.556	ug/L	92

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

