

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU040320\
 Data File : VU037561.D
 Acq On : 03 Apr 2020 10:32
 Operator : JC/MD
 Sample : VSTD05032
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD05032

Quant Time: Apr 04 02:53:06 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	184113	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	174434	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	81753	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	72125	48.23	ug/L	0.00
7) Chloroethane-d5	1.93	69	55044	45.82	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.59	63	121136	48.19	ug/L	0.00
21) 2-Butanone-d5	4.66	46	108883	96.88	ug/L	0.00
24) Chloroform-d	5.11	84	121118	48.08	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.74	65	76186	45.55	ug/L	0.00
32) Benzene-d6	5.76	84	242670	48.01	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.72	67	81337	47.81	ug/L	0.00
41) Toluene-d8	7.92	98	222119	47.16	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.20	79	42881	46.42	ug/L	0.00
47) 2-Hexanone-d5	8.65	63	83984	93.17	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.77	84	114192	46.95	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.20	152	77984	46.75	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.40	85	55969	47.022 ug/L	100
3) Chloromethane	1.54	50	59692	47.278 ug/L	100
5) Vinyl chloride	1.62	62	60221	48.033 ug/L	100
6) Bromomethane	1.87	94	28913	46.759 ug/L	100
8) Chloroethane	1.95	64	35340	47.794 ug/L	100
9) Trichlorofluoromethane	2.16	101	86052	48.378 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	48873	48.172 ug/L	100
12) 1,1-Dichloroethene	2.61	96	48632	49.380 ug/L	100
13) Acetone	2.65	43	61319	94.391 ug/L	100
14) Carbon disulfide	2.82	76	135609	47.668 ug/L	100
15) Methyl Acetate	2.98	43	69083	46.928 ug/L	100
16) Methylene chloride	3.08	84	57415	48.062 ug/L	100
17) trans-1,2-Dichloroethene	3.39	96	50687	47.795 ug/L	100
18) Methyl tert-butyl Ether	3.40	73	180437	48.538 ug/L	100
19) 1,1-Dichloroethane	3.91	63	101012	48.615 ug/L	100
20) cis-1,2-Dichloroethene	4.71	96	58424	47.839 ug/L	100
22) 2-Butanone	4.74	43	101337	95.573 ug/L	100
23) Bromochloromethane	5.01	128	28322	48.317 ug/L	100
25) Chloroform	5.13	83	104075	48.042 ug/L	100
27) 1,2-Dichloroethane	5.83	62	81693	48.862 ug/L	100
29) Cyclohexane	5.42	56	89919	49.188 ug/L	100
30) 1,1,1-Trichloroethane	5.35	97	90861	49.140 ug/L	100
31) Carbon tetrachloride	5.56	117	72393	47.570 ug/L	100
33) Benzene	5.81	78	220683	48.284 ug/L	100
34) Trichloroethene	6.57	95	56894	47.606 ug/L	100
35) Methylcyclohexane	6.79	83	90214	48.856 ug/L	100
37) 1,2-Dichloropropane	6.82	63	62642	48.103 ug/L	100
38) Bromodichloromethane	7.13	83	81832	48.314 ug/L	100
39) cis-1,3-Dichloropropene	7.63	75	97453	47.912 ug/L	100
40) 4-Methyl-2-pentanone	7.82	43	204140	96.602 ug/L	100

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42) Toluene	7.99	91	237418	48.002	ug/L	100
44) trans-1,3-Dichloropropene	8.23	75	97865	48.858	ug/L	100
45) 1,1,2-Trichloroethane	8.42	97	58879	49.521	ug/L	100
46) Tetrachloroethene	8.57	164	37636	46.902	ug/L	100
48) 2-Hexanone	8.71	43	155976	94.913	ug/L	100
49) Dibromochloromethane	8.83	129	63391	47.800	ug/L	100
50) 1,2-Dibromoethane	8.94	107	62806	48.032	ug/L	100
51) Chlorobenzene	9.47	112	146124	47.631	ug/L	100
52) Ethylbenzene	9.59	91	269966	48.266	ug/L	100
53) m,p-Xylene	9.71	106	99679	47.777	ug/L	100
54) o-xylene	10.12	106	97400	48.437	ug/L	100
55) Styrene	10.13	104	168392	47.293	ug/L	100
56) Isopropylbenzene	10.50	105	262197	48.091	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.80	83	102222	47.691	ug/L	100
59) 1,2,3-Trichloropropane	10.84	75	81323	48.577	ug/L	100
61) Bromoform	10.31	173	46773	50.048	ug/L	100
62) 1,3-Dichlorobenzene	11.76	146	113547	48.101	ug/L	100
63) 1,4-Dichlorobenzene	11.85	146	114212	47.938	ug/L	100
65) 1,2-Dichlorobenzene	12.22	146	111743	47.808	ug/L	100
66) 1,2-Dibromo-3-chloropropan	13.02	75	27716	49.436	ug/L	100
67) 1,3,5-Trichlorobenzene	13.24	180	78437	47.872	ug/L	100
68) 1,2,4-trichlorobenzene	13.87	180	76349	48.880	ug/L	100
69) Naphthalene	14.11	128	300979	45.482	ug/L	100
70) 1,2,3-Trichlorobenzene	14.36	180	76031	48.183	ug/L	100

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

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