

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU052820\
 Data File : VU038337.D
 Acq On : 28 May 2020 10:29
 Operator : JC/MD
 Sample : VSTD10032
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD10032

Quant Time: May 28 10:54:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM052820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu May 28 10:43:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	628658	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	619258	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	315484	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	388960	70.34	ug/L	0.00
7) Chloroethane-d5	1.93	69	304275	67.65	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.59	63	794028	87.78	ug/L	0.00
21) 2-Butanone-d5	4.66	46	753072	174.25	ug/L	0.00
24) Chloroform-d	5.10	84	781764	91.30	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.74	65	506596	85.17	ug/L	0.00
32) Benzene-d6	5.76	84	1576057	86.35	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.72	67	492660	81.41	ug/L	0.00
41) Toluene-d8	7.92	98	1413116	84.40	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.20	79	254935	89.83	ug/L	0.00
47) 2-Hexanone-d5	8.65	63	553128	210.15	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.77	84	744088	85.32	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.20	152	566900	85.95	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.39	85	468327	95.75	ug/L	98
3) Chloromethane	1.53	50	432467	69.77	ug/L	99
5) Vinyl chloride	1.62	62	495613	78.69	ug/L	100
6) Bromomethane	1.87	94	216140	72.05	ug/L	98
8) Chloroethane	1.95	64	298182	78.72	ug/L	98
9) Trichlorofluoromethane	2.16	101	648891	99.12	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	384301	95.52	ug/L	99
12) 1,1-Dichloroethene	2.60	96	388537	94.37	ug/L	94
13) Acetone	2.66	43	546354	196.27	ug/L	98
14) Carbon disulfide	2.82	76	1263680	92.65	ug/L	100
15) Methyl Acetate	2.98	43	572398	94.44	ug/L	100
16) Methylene chloride	3.08	84	445801	91.85	ug/L	97
17) trans-1,2-Dichloroethene	3.38	96	421945	94.92	ug/L	98
18) Methyl tert-butyl Ether	3.40	73	1404142	94.93	ug/L	100
19) 1,1-Dichloroethane	3.91	63	801337	90.49	ug/L	100
20) cis-1,2-Dichloroethene	4.71	96	468316	95.28	ug/L	99
22) 2-Butanone	4.74	43	869578	193.01	ug/L	99
23) Bromochloromethane	5.01	128	225859	97.69	ug/L	96
25) Chloroform	5.12	83	791396	93.10	ug/L	99
27) 1,2-Dichloroethane	5.83	62	652824	92.88	ug/L	99
29) Cyclohexane	5.42	56	735782	90.93	ug/L	100
30) 1,1,1-Trichloroethane	5.35	97	698469	101.47	ug/L	99
31) Carbon tetrachloride	5.56	117	583192	107.33	ug/L	100
33) Benzene	5.81	78	1785354	92.22	ug/L	100
34) Trichloroethene	6.57	95	447237	95.27	ug/L	99
35) Methylcyclohexane	6.79	83	725530	92.01	ug/L	99
37) 1,2-Dichloropropane	6.82	63	469322	90.68	ug/L	100
38) Bromodichloromethane	7.13	83	607799	96.72	ug/L	100
39) cis-1,3-Dichloropropene	7.63	75	766328	96.59	ug/L	98
40) 4-Methyl-2-pentanone	7.82	43	1552106	185.08	ug/L	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.99	91	1905166	93.67	ug/L	99
44) trans-1,3-Dichloropropene	8.23	75	732229	98.85	ug/L	99
45) 1,1,2-Trichloroethane	8.42	97	443933	94.70	ug/L	98
46) Tetrachloroethene	8.57	164	327716	95.62	ug/L	99
48) 2-Hexanone	8.71	43	1293272	187.14	ug/L	100
49) Dibromochloromethane	8.83	129	465927	103.06	ug/L	98
50) 1,2-Dibromoethane	8.94	107	476383	94.60	ug/L	97
51) Chlorobenzene	9.47	112	1198511	94.64	ug/L	100
52) Ethylbenzene	9.59	91	2168424	96.18	ug/L	100
53) m,p-Xylene	9.71	106	835083	97.55	ug/L	98
54) o-xylene	10.12	106	811953	96.34	ug/L	98
55) Styrene	10.13	104	1418776	99.10	ug/L	100
56) Isopropylbenzene	10.50	105	2126915	98.01	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.80	83	761572	91.00	ug/L	100
59) 1,2,3-Trichloropropane	10.84	75	656610	91.50	ug/L	99
61) Bromoform	10.31	173	338980	100.49	ug/L	100
62) 1,3-Dichlorobenzene	11.76	146	952983	94.35	ug/L	98
63) 1,4-Dichlorobenzene	11.85	146	959164	93.98	ug/L	99
65) 1,2-Dichlorobenzene	12.22	146	943787	92.62	ug/L	98
66) 1,2-Dibromo-3-chloropropan	13.01	75	202053	95.00	ug/L	98
67) 1,3,5-Trichlorobenzene	13.24	180	694128	100.80	ug/L	99
68) 1,2,4-trichlorobenzene	13.87	180	684389	103.69	ug/L	99
69) Naphthalene	14.11	128	2605913	102.91	ug/L	100
70) 1,2,3-Trichlorobenzene	14.36	180	697543	107.38	ug/L	100

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

