

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU040920\
 Data File : VU037608.D
 Acq On : 09 Apr 2020 10:10
 Operator : JC/MD
 Sample : VSTD01032
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD01032

Quant Time: Apr 09 11:00:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM040920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 09 10:58:31 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	493621	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	464966	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	227816	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	49486	12.34	ug/L	0.00
7) Chloroethane-d5	1.93	69	40945	12.71	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.59	63	81619	12.11	ug/L	0.00
21) 2-Butanone-d5	4.67	46	82725	27.45	ug/L	0.00
24) Chloroform-d	5.11	84	74941	11.10	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.74	65	52909	11.80	ug/L	0.00
32) Benzene-d6	5.76	84	161422	11.98	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.72	67	54332	11.98	ug/L	0.00
41) Toluene-d8	7.92	98	149324	11.89	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.20	79	28727	11.67	ug/L	0.00
47) 2-Hexanone-d5	8.65	63	61316	25.52	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.77	84	74358	11.47	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.21	152	56316	12.11	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.40	85	43925	13.764	ug/L 99
3) Chloromethane	1.54	50	49646	14.666	ug/L 99
5) Vinyl chloride	1.62	62	53179	15.821	ug/L 97
6) Bromomethane	1.87	94	27279	16.455	ug/L 99
8) Chloroethane	1.95	64	31426	15.852	ug/L 100
9) Trichlorofluoromethane	2.16	101	59109	12.395	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	35920	13.205	ug/L 99
12) 1,1-Dichloroethene	2.61	96	36423	13.794	ug/L 97
13) Acetone	2.66	43	47908	27.507	ug/L 96
14) Carbon disulfide	2.82	76	118638	15.555	ug/L 99
15) Methyl Acetate	2.98	43	55862	14.154	ug/L 99
16) Methylene chloride	3.08	84	40265	12.572	ug/L 97
17) trans-1,2-Dichloroethene	3.39	96	38395	13.504	ug/L 97
18) Methyl tert-butyl Ether	3.40	73	132151	13.259	ug/L 99
19) 1,1-Dichloroethane	3.91	63	75760	13.600	ug/L 96
20) cis-1,2-Dichloroethene	4.71	96	43097	13.162	ug/L 94
22) 2-Butanone	4.75	43	82594	29.054	ug/L 99
23) Bromochloromethane	5.02	128	20388	12.973	ug/L 98
25) Chloroform	5.13	83	72436	12.471	ug/L 98
27) 1,2-Dichloroethane	5.83	62	60106	13.409	ug/L 98
29) Cyclohexane	5.42	56	75059	15.403	ug/L 100
30) 1,1,1-Trichloroethane	5.35	97	61113	12.399	ug/L 99
31) Carbon tetrachloride	5.56	117	48853	12.043	ug/L 98
33) Benzene	5.81	78	163713	13.438	ug/L 100
34) Trichloroethene	6.57	95	39680	12.456	ug/L 98
35) Methylcyclohexane	6.79	83	72320	14.693	ug/L 98
37) 1,2-Dichloropropane	6.82	63	44335	12.772	ug/L 100
38) Bromodichloromethane	7.13	83	54518	12.075	ug/L 98
39) cis-1,3-Dichloropropene	7.63	75	72183	13.314	ug/L 99
40) 4-Methyl-2-pentanone	7.82	43	155970	27.689	ug/L 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.99	91	173074	13.128	ug/L	99
44) trans-1,3-Dichloropropene	8.23	75	70542	13.212	ug/L	99
45) 1,1,2-Trichloroethane	8.42	97	40065	12.642	ug/L	97
46) Tetrachloroethene	8.57	164	30082	14.064	ug/L	95
48) 2-Hexanone	8.71	43	121971	27.844	ug/L	99
49) Dibromochloromethane	8.83	129	42534	12.032	ug/L	100
50) 1,2-Dibromoethane	8.95	107	42897	12.307	ug/L	98
51) Chlorobenzene	9.47	112	105861	12.945	ug/L	99
52) Ethylbenzene	9.59	91	194027	13.014	ug/L	100
53) m,p-Xylene	9.71	106	71794	12.910	ug/L	99
54) o-xylene	10.12	106	73864	13.780	ug/L	98
55) Styrene	10.13	104	122179	12.873	ug/L	100
56) Isopropylbenzene	10.50	105	188839	12.994	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.80	83	69886	12.232	ug/L	98
59) 1,2,3-Trichloropropane	10.84	75	59610	13.358	ug/L	99
61) Bromoform	10.31	173	32746	12.574	ug/L	98
62) 1,3-Dichlorobenzene	11.76	146	83691	12.723	ug/L	97
63) 1,4-Dichlorobenzene	11.85	146	82764	12.466	ug/L	99
65) 1,2-Dichlorobenzene	12.23	146	82258	12.629	ug/L	98
66) 1,2-Dibromo-3-chloropropan	13.01	75	18596	11.903	ug/L	99
67) 1,3,5-Trichlorobenzene	13.24	180	59822	13.102	ug/L	99
68) 1,2,4-trichlorobenzene	13.87	180	54633	12.552	ug/L	96
69) Naphthalene	14.11	128	202818	10.998	ug/L	100
70) 1,2,3-Trichlorobenzene	14.36	180	55562	12.636	ug/L	98

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

