

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101919\
 Data File : VU035300.D
 Acq On : 19 Oct 2019 07:15
 Operator : JC/SP
 Sample : VSTD01035
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD01035

Quant Time: Oct 21 04:48:48 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM101919WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Oct 21 04:45:11 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.30	114	694865	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	669460	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	257704	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	57027	9.50	ug/L	0.00
7) Chloroethane-d5	1.94	69	48872	9.64	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.60	63	94791	9.60	ug/L	0.00
21) 2-Butanone-d5	4.70	46	71118	18.10	ug/L	0.00
24) Chloroform-d	5.12	84	92416	9.35	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.75	65	61526	9.78	ug/L	0.00
32) Benzene-d6	5.77	84	192507	9.82	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.74	67	60222	9.72	ug/L	0.00
41) Toluene-d8	7.93	98	174831	9.41	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.22	79	29402	9.06	ug/L	0.00
47) 2-Hexanone-d5	8.69	63	48114	17.93	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.79	84	86158	9.56	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.22	152	55693	9.95	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	52986	9.458 ug/L	98
3) Chloromethane	1.54	50	58270	10.297 ug/L	100
5) Vinyl chloride	1.62	62	58106	9.905 ug/L	95
6) Bromomethane	1.88	94	34597	10.114 ug/L	98
8) Chloroethane	1.95	64	36158	10.018 ug/L	100
9) Trichlorofluoromethane	2.16	101	73545	9.887 ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	42314	9.607 ug/L	100
12) 1,1-Dichloroethene	2.61	96	41628	9.890 ug/L	92
13) Acetone	2.67	43	70931	19.860 ug/L	99
14) Carbon disulfide	2.83	76	127056	9.862 ug/L	99
15) Methyl Acetate	3.00	43	49753	9.699 ug/L	100
16) Methylene chloride	3.09	84	49840	10.000 ug/L	98
17) trans-1,2-Dichloroethene	3.40	96	44753	9.887 ug/L	96
18) Methyl tert-butyl Ether	3.42	73	140720	9.700 ug/L	100
19) 1,1-Dichloroethane	3.93	63	85436	9.829 ug/L	96
20) cis-1,2-Dichloroethene	4.72	96	49826	9.737 ug/L	96
22) 2-Butanone	4.78	43	82069	19.082 ug/L	97
23) Bromochloromethane	5.03	128	25244	9.813 ug/L	98
25) Chloroform	5.14	83	89879	10.110 ug/L	99
27) 1,2-Dichloroethane	5.84	62	67625	9.714 ug/L	98
29) Cyclohexane	5.43	56	70990	9.432 ug/L	99
30) 1,1,1-Trichloroethane	5.37	97	73900	10.051 ug/L	98
31) Carbon tetrachloride	5.57	117	61679	9.578 ug/L	99
33) Benzene	5.82	78	187955	9.825 ug/L	100
34) Trichloroethene	6.58	95	47753	9.747 ug/L	98
35) Methylcyclohexane	6.80	83	71140	9.442 ug/L	98
37) 1,2-Dichloropropane	6.84	63	48001	9.685 ug/L	99
38) Bromodichloromethane	7.15	83	63795	9.706 ug/L	99
39) cis-1,3-Dichloropropene	7.65	75	72004	8.982 ug/L	98
40) 4-Methyl-2-pentanone	7.84	43	139589	19.972 ug/L	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	8.01	91	203657	9.841	ug/L	100
44) trans-1,3-Dichloropropene	8.25	75	68737	9.199	ug/L	100
45) 1,1,2-Trichloroethane	8.44	97	48501	10.104	ug/L	97
46) Tetrachloroethene	8.58	164	37370	9.490	ug/L	98
48) 2-Hexanone	8.74	43	110425	19.066	ug/L	98
49) Dibromochloromethane	8.84	129	50928	9.395	ug/L	96
50) 1,2-Dibromoethane	8.96	107	51001	9.576	ug/L	99
51) Chlorobenzene	9.48	112	131764	9.891	ug/L	99
52) Ethylbenzene	9.60	91	218853	9.569	ug/L	99
53) m,p-Xylene	9.73	106	80662	9.608	ug/L	99
54) o-xylene	10.13	106	79332	9.322	ug/L	100
55) Styrene	10.15	104	120951	8.557	ug/L	99
56) Isopropylbenzene	10.51	105	204322	9.363	ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.82	83	81266	9.655	ug/L	99
59) 1,2,3-Trichloropropane	10.85	75	64984	9.881	ug/L	99
61) Bromoform	10.32	173	38427	10.806	ug/L	98
62) 1,3-Dichlorobenzene	11.78	146	80003	9.789	ug/L	99
63) 1,4-Dichlorobenzene	11.87	146	79493	9.917	ug/L	97
65) 1,2-Dichlorobenzene	12.24	146	83621	10.250	ug/L	99
66) 1,2-Dibromo-3-chloropropan	13.03	75	11669	9.018	ug/L	97
67) 1,3,5-Trichlorobenzene	13.25	180	37526	8.114	ug/L	99
68) 1,2,4-trichlorobenzene	13.87	180	17875	6.080	ug/L	99
69) Naphthalene	14.11	128	41660	5.673	ug/L	98
70) 1,2,3-Trichlorobenzene	14.36	180	20464	6.595	ug/L	97

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

