

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU102619\
 Data File : VU035511.D
 Acq On : 26 Oct 2019 12:05
 Operator : JC/SP
 Sample : VSTD01036
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD01036

Quant Time: Oct 30 00:27:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM102619WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 30 01:21:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	574356	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	563004	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	198818	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	45878	9.45	ug/L	0.00
7) Chloroethane-d5	1.93	69	38757	9.53	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.60	63	75257	9.34	ug/L	0.00
21) 2-Butanone-d5	4.70	46	59945	18.57	ug/L	0.00
24) Chloroform-d	5.11	84	74823	9.50	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.75	65	48633	9.44	ug/L	0.00
32) Benzene-d6	5.77	84	149702	9.34	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.74	67	50483	9.80	ug/L	0.00
41) Toluene-d8	7.93	98	135727	9.01	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.22	79	22296	8.54	ug/L	0.00
47) 2-Hexanone-d5	8.69	63	30244	13.57	ug/L	0.01
57) 1,1,2,2-Tetrachloroethane-	10.79	84	67860	8.95	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.22	152	38828	8.66	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.40	85	48434	10.199	ug/L 100
3) Chloromethane	1.54	50	54396	10.977	ug/L 99
5) Vinyl chloride	1.62	62	56102	10.968	ug/L 85
6) Bromomethane	1.88	94	24475	8.444	ug/L 97
8) Chloroethane	1.95	64	32928	10.535	ug/L 99
9) Trichlorofluoromethane	2.16	101	65492	10.348	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	38228	10.380	ug/L 97
12) 1,1-Dichloroethene	2.61	96	35804	10.033	ug/L 94
13) Acetone	2.67	43	56381	19.082	ug/L 100
14) Carbon disulfide	2.83	76	114248	10.070	ug/L 99
15) Methyl Acetate	3.00	43	49224	10.960	ug/L 100
16) Methylene chloride	3.09	84	45472	10.645	ug/L 97
17) trans-1,2-Dichloroethene	3.40	96	37750	9.860	ug/L 98
18) Methyl tert-butyl Ether	3.42	73	112394	9.292	ug/L 99
19) 1,1-Dichloroethane	3.92	63	79420	10.752	ug/L 98
20) cis-1,2-Dichloroethene	4.72	96	40447	9.308	ug/L 92
22) 2-Butanone	4.78	43	67994	18.792	ug/L 98
23) Bromochloromethane	5.03	128	21807	9.992	ug/L 93
25) Chloroform	5.14	83	79583	10.538	ug/L 97
27) 1,2-Dichloroethane	5.84	62	59464	10.187	ug/L 98
29) Cyclohexane	5.43	56	57236	8.993	ug/L 99
30) 1,1,1-Trichloroethane	5.37	97	62505	10.032	ug/L 99
31) Carbon tetrachloride	5.57	117	54210	9.957	ug/L 100
33) Benzene	5.82	78	167727	10.322	ug/L 100
34) Trichloroethene	6.58	95	40736	9.879	ug/L 96
35) Methylcyclohexane	6.80	83	51006	8.125	ug/L 98
37) 1,2-Dichloropropane	6.84	63	46929	11.080	ug/L 99
38) Bromodichloromethane	7.15	83	56808	10.134	ug/L 99
39) cis-1,3-Dichloropropene	7.65	75	62812	9.278	ug/L 98
40) 4-Methyl-2-pentanone	7.84	43	114698	18.469	ug/L 96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	8.01	91	166183	9.416	ug/L	100
44) trans-1,3-Dichloropropene	8.25	75	55327	8.794	ug/L	99
45) 1,1,2-Trichloroethane	8.44	97	42271	10.238	ug/L	95
46) Tetrachloroethene	8.59	164	31591	9.517	ug/L	98
48) 2-Hexanone	8.74	43	80504	15.313	ug/L	94
49) Dibromochloromethane	8.84	129	43628	9.524	ug/L	97
50) 1,2-Dibromoethane	8.96	107	43281	9.555	ug/L	97
51) Chlorobenzene	9.48	112	109297	9.532	ug/L	97
52) Ethylbenzene	9.60	91	165329	8.463	ug/L	98
53) m,p-Xylene	9.73	106	58644	8.090	ug/L	98
54) o-xylene	10.13	106	58288	8.171	ug/L	99
55) Styrene	10.15	104	89601	7.709	ug/L	97
56) Isopropylbenzene	10.51	105	143968	7.843	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.81	83	72065	9.991	ug/L	100
59) 1,2,3-Trichloropropane	10.85	75	57375	10.018	ug/L	99
61) Bromoform	10.32	173	31700	11.115	ug/L	99
62) 1,3-Dichlorobenzene	11.77	146	60739	9.408	ug/L	99
63) 1,4-Dichlorobenzene	11.87	146	62620	9.673	ug/L	100
65) 1,2-Dichlorobenzene	12.24	146	62193	9.643	ug/L	97
66) 1,2-Dibromo-3-chloropropan	13.02	75	10555	10.304	ug/L	94
67) 1,3,5-Trichlorobenzene	13.24	180	24600	6.961	ug/L	99
68) 1,2,4-trichlorobenzene	13.86	180	11172	4.853	ug/L	94
69) Naphthalene	14.11	128	28899	4.537	ug/L	98
70) 1,2,3-Trichlorobenzene	14.35	180	12704	5.331	ug/L	97

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

