

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082119\
 Data File : VU033897.D
 Acq On : 22 Aug 2019 01:41
 Operator : JC/SP
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD05049

Quant Time: Aug 22 07:24:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM081619WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 22 07:18:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	379317	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	386046	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	208403	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	128335	37.61	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	75.22%
7) Chloroethane-d5	1.67	69	119805	37.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	75.06%
11) 1,1-Dichloroethene-d2	2.26	63	234695	41.15	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.30%
21) 2-Butanone-d5	4.15	46	196325	109.70	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	109.70%
24) Chloroform-d	4.62	84	258354	47.03	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.06%
26) 1,2-Dichloroethane-d4	5.29	65	162224	47.21	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.42%
32) Benzene-d6	5.31	84	470058	43.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.40%
36) 1,2-Dichloropropane-d6	6.31	67	158055	45.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.16%
41) Toluene-d8	7.55	98	427263	42.75	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.50%
43) trans-1,3-Dichloropropene-	7.83	79	69368	42.43	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.86%
47) 2-Hexanone-d5	8.29	63	138590	107.33	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	107.33%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	255870	52.80	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	105.60%
64) 1,2-Dichlorobenzene-d4	11.84	152	188077	45.28	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.56%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.20	85	177775	47.802	ug/L 100
3) Chloromethane	1.32	50	153007	40.003	ug/L 98
5) Vinyl chloride	1.39	62	215854	50.665	ug/L # 78
6) Bromomethane	1.61	94	53841	16.715	ug/L 98
8) Chloroethane	1.68	64	135429	45.886	ug/L 92
9) Trichlorofluoromethane	1.87	101	282553	50.009	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	130697	48.322	ug/L 100
12) 1,1-Dichloroethene	2.27	96	130305	49.706	ug/L 95
13) Acetone	2.31	43	144385	82.086	ug/L 98
14) Carbon disulfide	2.46	76	400511	48.449	ug/L 99
15) Methyl Acetate	2.60	43	153806	53.024	ug/L 99
16) Methylene chloride	2.68	84	154483	50.853	ug/L 97
17) trans-1,2-Dichloroethene	2.96	96	133706	48.926	ug/L 98
18) Methyl tert-butyl Ether	2.98	73	411183	51.558	ug/L 99
19) 1,1-Dichloroethane	3.42	63	266814	50.737	ug/L 98
20) cis-1,2-Dichloroethene	4.20	96	154972	52.422	ug/L 99
22) 2-Butanone	4.23	43	214070	105.754	ug/L 98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082119\
 Data File : VU033897.D
 Acq On : 22 Aug 2019 01:41
 Operator : JC/SP
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD05049

Quant Time: Aug 22 07:24:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM081619WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 22 07:18:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.52	128	83316	51.691	ug/L	98
25) Chloroform	4.65	83	275417	50.395	ug/L	100
27) 1,2-Dichloroethane	5.38	62	217535	52.501	ug/L	99
29) Cyclohexane	4.97	56	206404	49.903	ug/L	99
30) 1,1,1-Trichloroethane	4.89	97	232895	50.112	ug/L	100
31) Carbon tetrachloride	5.11	117	206445	48.814	ug/L	100
33) Benzene	5.36	78	594191	50.953	ug/L	100
34) Trichloroethene	6.16	95	150031	48.206	ug/L	99
35) Methylcyclohexane	6.40	83	214391	47.041	ug/L	100
37) 1,2-Dichloropropane	6.41	63	163446	51.183	ug/L	99
38) Bromodichloromethane	6.74	83	211322	51.111	ug/L	99
39) cis-1,3-Dichloropropene	7.25	75	223144	47.945	ug/L	98
40) 4-Methyl-2-pentanone	7.44	43	408349	108.932	ug/L	100
42) Toluene	7.62	91	644101	52.247	ug/L	100
44) trans-1,3-Dichloropropene	7.86	75	208764	48.809	ug/L	99
45) 1,1,2-Trichloroethane	8.05	97	150545	50.227	ug/L	98
46) Tetrachloroethene	8.21	164	121174	48.564	ug/L	98
48) 2-Hexanone	8.34	43	321828	109.488	ug/L	99
49) Dibromochloromethane	8.46	129	175488	51.852	ug/L	99
50) 1,2-Dibromoethane	8.57	107	165027	51.711	ug/L	100
51) Chlorobenzene	9.10	112	404133	49.632	ug/L	98
52) Ethylbenzene	9.23	91	674296	51.624	ug/L	99
53) m,p-Xylene	9.36	106	257741	52.717	ug/L	98
54) o-xylene	9.76	106	255487	53.929	ug/L	98
55) Styrene	9.77	104	445429	54.874	ug/L	99
56) Isopropylbenzene	10.15	105	650665	52.529	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.44	83	266862	55.009	ug/L	100
59) 1,2,3-Trichloropropane	10.48	75	208351	53.866	ug/L	100
61) Bromoform	9.94	173	130201	50.164	ug/L	99
62) 1,3-Dichlorobenzene	11.40	146	323988	49.541	ug/L	99
63) 1,4-Dichlorobenzene	11.49	146	329984	48.741	ug/L	98
65) 1,2-Dichlorobenzene	11.86	146	329679	50.290	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.64	75	55710	51.110	ug/L	99
67) 1,3,5-Trichlorobenzene	12.87	180	235687	46.721	ug/L	99
68) 1,2,4-trichlorobenzene	13.49	180	194680	47.131	ug/L	99
69) Naphthalene	13.73	128	616387	54.066	ug/L	100
70) 1,2,3-Trichlorobenzene	13.97	180	217898	50.827	ug/L	98

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU082119\
Data File : VU033897.D
Acq On : 22 Aug 2019 01:41
Operator : JC/SP
Sample : VSTDCCC050EC
Misc : 5.0mL/MSVOA U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD05049

Quant Time: Aug 22 07:24:54 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM081619WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Aug 22 07:18:35 2019
Response via : Initial Calibration

