

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU093019\
 Data File : VU034880.D
 Acq On : 30 Sep 2019 14:30
 Operator : JC/SP
 Sample : VSTD02002
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD02002

Quant Time: Sep 30 17:02:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR093019WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Sep 30 16:58:42 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	169772	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	166042	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	85528	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	256520	19.28	ug/L	0.00
7) Chloroethane-d5	1.66	69	202940	18.69	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.26	63	424935	18.22	ug/L	0.00
20) 2-Butanone-d5	4.16	46	728183	216.54	ug/L	-0.02
24) Chloroform-d	4.62	84	442253	21.55	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.28	65	259060	21.54	ug/L	0.00
32) Benzene-d6	5.31	84	863844	19.72	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.31	67	283698	19.18	ug/L	0.00
41) Toluene-d8	7.54	98	837702	20.15	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.83	79	118474	20.04	ug/L	0.00
46) 2-Hexanone-d5	8.29	63	577576	216.47	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.41	84	238455	20.59	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.84	152	290943	19.75	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	190912	15.461 ug/L	98
3) Chloromethane	1.32	50	159640	14.138 ug/L	100
5) Vinyl chloride	1.40	62	179408	14.849 ug/L	98
6) Bromomethane	1.61	94	86830	14.489 ug/L	92
8) Chloroethane	1.68	64	99591	14.242 ug/L	95
9) Trichlorofluoromethane	1.87	101	239516	14.875 ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	140795	15.402 ug/L	96
12) 1,1-Dichloroethene	2.27	96	112906	14.236 ug/L	87
13) Acetone	2.31	43	471123	182.843 ug/L	99
14) Carbon disulfide	2.46	76	184501	9.571 ug/L	97
15) Methyl Acetate	2.60	43	103875	17.130 ug/L	98
16) Methylene chloride	2.68	84	151461	14.152 ug/L	96
17) Methyl tert-butyl Ether	2.98	73	500226	17.433 ug/L	99
18) trans-1,2-Dichloroethene	2.96	96	114716	13.886 ug/L	99
19) 1,1-Dichloroethane	3.42	63	358879	17.342 ug/L	99
21) 2-Butanone	4.25	43	782012	210.936 ug/L	96
22) cis-1,2-Dichloroethene	4.20	96	186519	16.587 ug/L	95
23) Bromochloromethane	4.52	128	76340	18.374 ug/L	95
25) Chloroform	4.65	83	399103	16.974 ug/L	99
27) 1,2-Dichloroethane	5.38	62	258235	19.123 ug/L	99
29) 1,1,1-Trichloroethane	4.89	97	307776	17.943 ug/L	99
30) Cyclohexane	4.96	56	226839	13.255 ug/L	97
31) Carbon tetrachloride	5.11	117	243943	17.609 ug/L	98
33) Benzene	5.36	78	671087	15.601 ug/L	100
34) Trichloroethene	6.16	95	175175	16.258 ug/L	98
35) Methylcyclohexane	6.39	83	220794	13.112 ug/L	99
37) 1,2-Dichloropropane	6.41	63	223919	16.592 ug/L	100
38) Bromodichloromethane	6.73	83	293529	17.970 ug/L	99
39) cis-1,3-Dichloropropene	7.25	75	316696	16.937 ug/L	100
40) 4-Methyl-2-pentanone	7.44	43	2065736	198.577 ug/L	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU093019\
 Data File : VU034880.D
 Acq On : 30 Sep 2019 14:30
 Operator : JC/SP
 Sample : VSTD02002
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD02002

Quant Time: Sep 30 17:02:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR093019WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Sep 30 16:58:42 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.61	91	741121	15.902	ug/L	99
44) trans-1,3-Dichloropropene	7.86	75	276927	18.108	ug/L	99
45) 1,1,2-Trichloroethane	8.04	97	160979	18.377	ug/L	97
47) Tetrachloroethene	8.20	164	114051	17.137	ug/L	96
48) 2-Hexanone	8.34	43	1453813	207.038	ug/L	98
49) Dibromochloromethane	8.46	129	198350	19.370	ug/L	100
50) 1,2-Dibromoethane	8.57	107	134968	17.398	ug/L	99
51) Chlorobenzene	9.10	112	498107	16.969	ug/L	99
52) Ethylbenzene	9.23	91	897323	16.642	ug/L	98
53) m,p-Xylene	9.35	106	315600	16.531	ug/L	99
54) o-Xylene	9.76	106	331777	17.221	ug/L	97
55) Styrene	9.77	104	599628	18.638	ug/L	100
56) Isopropylbenzene	10.14	105	955707	17.751	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.43	83	245216	19.201	ug/L	100
59) 1,2,3-Trichloropropane	10.47	75	168944	18.933	ug/L	98
61) Bromoform	9.94	173	111476	19.871	ug/L	99
62) 1,3-Dichlorobenzene	11.39	146	440401	17.828	ug/L	99
63) 1,4-Dichlorobenzene	11.48	146	442292	18.009	ug/L	100
65) 1,2-Dichlorobenzene	11.85	146	442154	18.091	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.63	75	39198	18.319	ug/L	96
67) 1,3,5-Trichlorobenzene	12.86	180	343494	20.793	ug/L	98
68) 1,2,4-trichlorobenzene	13.48	180	289590	22.124	ug/L	98
69) Naphthalene	13.72	128	550112	17.965	ug/L	99
70) 1,2,3-Trichlorobenzene	13.96	180	274478	22.165	ug/L	98

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU093019\
Data File : VU034880.D
Acq On : 30 Sep 2019 14:30
Operator : JC/SP
Sample : VSTD02002
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD02002

Quant Time: Sep 30 17:02:06 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR093019WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Sep 30 16:58:42 2019
Response via : Initial Calibration

