

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU071619\
 Data File : VU033257.D
 Acq On : 16 Jul 2019 10:03
 Operator : JC/SP
 Sample : VSTD00505
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00505

Quant Time: Jul 17 04:01:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR071619WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jul 17 03:58:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.87	114	134864	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	141709	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	72668	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	71179	7.85	ug/L	0.00
7) Chloroethane-d5	1.67	69	57064	7.12	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.26	63	138274	6.83	ug/L	0.00
20) 2-Butanone-d5	4.18	46	138380	49.13	ug/L	0.00
24) Chloroform-d	4.62	84	105611	5.60	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.29	65	55565	5.18	ug/L	0.00
32) Benzene-d6	5.32	84	203312	5.77	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.31	67	65302	5.60	ug/L	0.00
41) Toluene-d8	7.55	98	196611	5.79	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.83	79	26030	5.27	ug/L	0.00
46) 2-Hexanone-d5	8.30	63	110901	54.34	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.42	84	53239	5.26	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.85	152	69936	5.26	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	58218	4.339	ug/L 100
3) Chloromethane	1.32	50	71842	5.289	ug/L 100
5) Vinyl chloride	1.40	62	77610	5.698	ug/L 100
6) Bromomethane	1.62	94	47312	6.018	ug/L 100
8) Chloroethane	1.69	64	47554	5.734	ug/L 100
9) Trichlorofluoromethane	1.87	101	111381	5.747	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	59758	5.870	ug/L 100
12) 1,1-Dichloroethene	2.27	96	56946	6.111	ug/L 100
13) Acetone	2.34	43	116845	50.485	ug/L 100
14) Carbon disulfide	2.46	76	187036	6.079	ug/L 100
15) Methyl Acetate	2.61	43	30300	5.435	ug/L 100
16) Methylene chloride	2.68	84	67186	6.103	ug/L 100
17) Methyl tert-butyl Ether	2.98	73	153429	5.755	ug/L 100
18) trans-1,2-Dichloroethene	2.96	96	62178	6.038	ug/L 100
19) 1,1-Dichloroethane	3.42	63	95227	4.893	ug/L 100
21) 2-Butanone	4.27	43	140250	43.781	ug/L 100
22) cis-1,2-Dichloroethene	4.20	96	53537	5.003	ug/L 100
23) Bromochloromethane	4.52	128	23977	4.842	ug/L 100
25) Chloroform	4.65	83	100515	4.675	ug/L 100
27) 1,2-Dichloroethane	5.38	62	65073	4.711	ug/L 100
29) 1,1,1-Trichloroethane	4.89	97	83500	4.651	ug/L 100
30) Cyclohexane	4.97	56	73300	4.498	ug/L 100
31) Carbon tetrachloride	5.11	117	72819	4.536	ug/L 100
33) Benzene	5.36	78	206270	4.959	ug/L 100
34) Trichloroethene	6.16	95	53216	4.739	ug/L 100
35) Methylcyclohexane	6.39	83	80603	4.806	ug/L 100
37) 1,2-Dichloropropane	6.41	63	55235	4.852	ug/L 100
38) Bromodichloromethane	6.74	83	69552	4.697	ug/L 100
39) cis-1,3-Dichloropropene	7.25	75	77761	4.843	ug/L 100
40) 4-Methyl-2-pentanone	7.45	43	325717	42.539	ug/L 100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU071619\
 Data File : VU033257.D
 Acq On : 16 Jul 2019 10:03
 Operator : JC/SP
 Sample : VSTD00505
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00505

Quant Time: Jul 17 04:01:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR071619WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jul 17 03:58:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.62	91	223921	5.003	ug/L	100
44) trans-1,3-Dichloropropene	7.86	75	64861	4.847	ug/L	100
45) 1,1,2-Trichloroethane	8.05	97	39189	4.900	ug/L	100
47) Tetrachloroethene	8.21	164	42017	4.543	ug/L	100
48) 2-Hexanone	8.35	43	242008	43.338	ug/L	100
49) Dibromochloromethane	8.46	129	48246	4.809	ug/L	100
50) 1,2-Dibromoethane	8.57	107	38793	5.054	ug/L	100
51) Chlorobenzene	9.10	112	143792	4.869	ug/L	100
52) Ethylbenzene	9.23	91	236153	4.825	ug/L	100
53) m,p-Xylene	9.36	106	91395	5.076	ug/L	100
54) o-Xylene	9.77	106	87128	4.974	ug/L	100
55) Styrene	9.77	104	152600	5.138	ug/L	100
56) Isopropylbenzene	10.15	105	228091	4.878	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.44	83	51047	4.975	ug/L	100
59) 1,2,3-Trichloropropane	10.48	75	36286	4.685	ug/L	100
61) Bromoform	9.94	173	26172	4.795	ug/L	100
62) 1,3-Dichlorobenzene	11.40	146	109680	4.835	ug/L	100
63) 1,4-Dichlorobenzene	11.49	146	114296	4.826	ug/L	100
65) 1,2-Dichlorobenzene	11.86	146	108248	4.876	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.65	75	8113	5.200	ug/L	100
67) 1,3,5-Trichlorobenzene	12.87	180	85068	4.800	ug/L	100
68) 1,2,4-trichlorobenzene	13.49	180	70228	5.438	ug/L	100
69) Naphthalene	13.73	128	116660	5.905	ug/L	100
70) 1,2,3-Trichlorobenzene	13.98	180	67441	5.471	ug/L	100

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

