

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV112219\
 Data File : VV013725.D
 Acq On : 22 Nov 2019 09:37
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDCCC005

Quant Time: Nov 23 00:51:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR112219WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Nov 22 12:24:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	415446	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	403869	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	221714	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	127282	4.95	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.00%
7) Chloroethane-d5	1.58	69	113913	5.22	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.40%
11) 1,1-Dichloroethene-d2	2.13	63	230668	5.33	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	106.60%
20) 2-Butanone-d5	3.94	46	315876	59.09	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	118.18%
24) Chloroform-d	4.39	84	278409	5.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.40%
26) 1,2-Dichloroethane-d4	5.07	65	134984	5.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.40%
32) Benzene-d6	5.09	84	545346	5.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.60%
36) 1,2-Dichloropropane-d6	6.11	67	164894	5.31	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.20%
41) Toluene-d8	7.35	98	527378	5.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.80%
43) trans-1,3-Dichloropropene-	7.66	79	60997	5.05	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	101.00%
46) 2-Hexanone-d5	8.13	63	234451	52.59	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.18%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	114082	5.30	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.00%
64) 1,2-Dichlorobenzene-d4	11.67	152	206808	5.28	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.60%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	160239	5.791 ug/L	96
3) Chloromethane	1.25	50	137940	5.677 ug/L	99
5) Vinyl chloride	1.32	62	141130	5.686 ug/L	100
6) Bromomethane	1.53	94	102864	7.871 ug/L	100
8) Chloroethane	1.60	64	83218	5.564 ug/L	97
9) Trichlorofluoromethane	1.77	101	213937	5.551 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	128475	5.610 ug/L	99
12) 1,1-Dichloroethene	2.14	96	113017	5.658 ug/L	86
13) Acetone	2.20	43	202959	54.296 ug/L #	56
14) Carbon disulfide	2.32	76	271481	5.887 ug/L	99
15) Methyl Acetate	2.46	43	48272	5.768 ug/L	96
16) Methylene chloride	2.53	84	140339	5.129 ug/L	98
17) Methyl tert-butyl Ether	2.80	73	292838	5.357 ug/L	99
18) trans-1,2-Dichloroethene	2.79	96	127224	5.640 ug/L	96
19) 1,1-Dichloroethane	3.22	63	249894	5.550 ug/L	99
21) 2-Butanone	4.02	43	314111	55.593 ug/L	98
22) cis-1,2-Dichloroethene	3.96	96	147340	5.571 ug/L	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV112219\
 Data File : VV013725.D
 Acq On : 22 Nov 2019 09:37
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDCCC005

Quant Time: Nov 23 00:51:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR112219WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Nov 22 12:24:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.29	128	63118	5.431	ug/L	88
25) Chloroform	4.42	83	262500	5.499	ug/L	97
27) 1,2-Dichloroethane	5.17	62	148337	5.429	ug/L	99
29) 1,1,1-Trichloroethane	4.65	97	224759	5.440	ug/L	99
30) Cyclohexane	4.72	56	194581	5.638	ug/L	99
31) Carbon tetrachloride	4.87	117	200255	5.509	ug/L	100
33) Benzene	5.14	78	544341	5.495	ug/L	100
34) Trichloroethene	5.95	95	149890	5.485	ug/L	99
35) Methylcyclohexane	6.17	83	207917	5.702	ug/L	98
37) 1,2-Dichloropropane	6.21	63	134741	5.292	ug/L	100
38) Bromodichloromethane	6.55	83	179440	5.341	ug/L	100
39) cis-1,3-Dichloropropene	7.06	75	197507	5.467	ug/L	97
40) 4-Methyl-2-pentanone	7.27	43	796149	53.590	ug/L	99
42) Toluene	7.43	91	609818	5.739	ug/L	98
44) trans-1,3-Dichloropropene	7.69	75	155176	5.487	ug/L	96
45) 1,1,2-Trichloroethane	7.88	97	98182	5.411	ug/L	98
47) Tetrachloroethene	8.01	164	135755	5.721	ug/L	98
48) 2-Hexanone	8.18	43	582122	54.895	ug/L	99
49) Dibromochloromethane	8.28	129	127905	5.496	ug/L	96
50) 1,2-Dibromoethane	8.39	107	89187	5.428	ug/L	94
51) Chlorobenzene	8.92	112	402258	5.441	ug/L	99
52) Ethylbenzene	9.05	91	667652	5.784	ug/L	99
53) m,p-xylene	9.18	106	257048	5.841	ug/L	98
54) o-xylene	9.58	106	249081	5.798	ug/L	99
55) Styrene	9.60	104	436520	5.885	ug/L	97
56) Isopropylbenzene	9.97	105	679928	5.807	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.28	83	104604	5.247	ug/L	98
59) 1,2,3-Trichloropropane	10.31	75	83776	5.360	ug/L	99
61) Bromoform	9.77	173	77547	5.558	ug/L	98
62) 1,3-Dichlorobenzene	11.22	146	364944	5.666	ug/L	99
63) 1,4-Dichlorobenzene	11.31	146	358146	5.463	ug/L	99
65) 1,2-Dichlorobenzene	11.68	146	330913	5.536	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.47	75	17043	4.906	ug/L	94
67) 1,3,5-Trichlorobenzene	12.69	180	301192	5.536	ug/L	98
68) 1,2,4-trichlorobenzene	13.31	180	237791	5.329	ug/L	99
69) Naphthalene	13.55	128	298684	4.916	ug/L	100
70) 1,2,3-Trichlorobenzene	13.79	180	215040	5.290	ug/L	99

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

