

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV110820\
 Data File : VV019289.D
 Acq On : 06 Nov 2020 10:12
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05089

Quant Time: Nov 07 01:20:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Nov 06 16:43:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	269671	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	263821	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	147171	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	94537	44.11	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.22%
7) Chloroethane-d5	1.58	69	78689	47.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.52%
11) 1,1-Dichloroethene-d2	2.12	63	191566	46.99	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.98%
21) 2-Butanone-d5	3.90	46	134408	102.40	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.40%
24) Chloroform-d	4.37	84	189368	47.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.00%
26) 1,2-Dichloroethane-d4	5.05	65	129045	46.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.92%
32) Benzene-d6	5.07	84	349410	46.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.38%
36) 1,2-Dichloropropane-d6	6.09	67	111118	49.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.60%
41) Toluene-d8	7.33	98	327352	45.53	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.06%
43) trans-1,3-Dichloropropene-	7.64	79	59422	46.02	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.04%
47) 2-Hexanone-d5	8.10	63	94012	97.28	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.28%
57) 1,1,2,2-Tetrachloroethane-	10.23	84	146332	48.64	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.28%
64) 1,2-Dichlorobenzene-d4	11.65	152	138398	44.76	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.52%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	108773	45.937	ug/L 98
3) Chloromethane	1.25	50	107809	50.137	ug/L 98
5) Vinyl chloride	1.32	62	112056	50.901	ug/L 99
6) Bromomethane	1.53	94	70223	47.620	ug/L 98
8) Chloroethane	1.60	64	70948	51.831	ug/L 99
9) Trichlorofluoromethane	1.76	101	176668	48.149	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	91988	52.094	ug/L 97
12) 1,1-Dichloroethene	2.13	96	86786	50.184	ug/L 88
13) Acetone	2.19	43	137798	113.003	ug/L 98
14) Carbon disulfide	2.31	76	251989	45.843	ug/L 100
15) Methyl Acetate	2.44	43	92376	47.007	ug/L 100
16) Methylene chloride	2.52	84	93507	47.618	ug/L 95
17) trans-1,2-Dichloroethene	2.78	96	87940	47.346	ug/L 97
18) Methyl tert-butyl Ether	2.78	73	294002	47.271	ug/L 98
19) 1,1-Dichloroethane	3.21	63	171174	49.465	ug/L 99
20) cis-1,2-Dichloroethene	3.93	96	94852	46.531	ug/L 95
22) 2-Butanone	3.98	43	147889	111.344	ug/L 99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV110820\
 Data File : VV019289.D
 Acq On : 06 Nov 2020 10:12
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05089

Quant Time: Nov 07 01:20:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Nov 06 16:43:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.27	128	50320	46.001	ug/L	90
25) Chloroform	4.40	83	179727	48.062	ug/L	99
27) 1,2-Dichloroethane	5.15	62	149869	47.076	ug/L	100
29) Cyclohexane	4.70	56	146274	49.664	ug/L	97
30) 1,1,1-Trichloroethane	4.63	97	164116	45.905	ug/L	98
31) Carbon tetrachloride	4.85	117	145047	45.753	ug/L	99
33) Benzene	5.12	78	370873	48.757	ug/L	100
34) Trichloroethene	5.93	95	101436	48.678	ug/L	98
35) Methylcyclohexane	6.15	83	139331	49.529	ug/L	97
37) 1,2-Dichloropropane	6.19	63	97337	51.528	ug/L	100
38) Bromodichloromethane	6.53	83	135216	48.118	ug/L	99
39) cis-1,3-Dichloropropene	7.05	75	151815	48.656	ug/L	97
40) 4-Methyl-2-pentanone	7.24	43	262254	100.637	ug/L	99
42) Toluene	7.41	91	410866	49.272	ug/L	99
44) trans-1,3-Dichloropropene	7.67	75	158994	48.984	ug/L	98
45) 1,1,2-Trichloroethane	7.86	97	91009	48.037	ug/L	98
46) Tetrachloroethene	7.99	164	81703	45.917	ug/L	97
48) 2-Hexanone	8.15	43	218487	105.483	ug/L	97
49) Dibromochloromethane	8.26	129	108425	47.267	ug/L	100
50) 1,2-Dibromoethane	8.37	107	95555	47.273	ug/L	99
51) Chlorobenzene	8.90	112	260210	47.596	ug/L	99
52) Ethylbenzene	9.03	91	451324	49.118	ug/L	98
53) m,p-Xylene	9.16	106	171211	49.333	ug/L	100
54) o-xylene	9.56	106	164233	49.289	ug/L	100
55) Styrene	9.58	104	290969	49.269	ug/L	100
56) Isopropylbenzene	9.95	105	445427	49.743	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.26	83	134979	46.789	ug/L	100
59) 1,2,3-Trichloropropane	10.29	75	118163	47.849	ug/L	99
61) Bromoform	9.75	173	81712	45.010	ug/L	99
62) 1,3-Dichlorobenzene	11.20	146	218969	47.170	ug/L	99
63) 1,4-Dichlorobenzene	11.29	146	223117	46.248	ug/L	98
65) 1,2-Dichlorobenzene	11.66	146	216621	47.105	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.45	75	33731	42.868	ug/L	91
67) 1,3,5-Trichlorobenzene	12.67	180	156577	45.820	ug/L	98
68) 1,2,4-trichlorobenzene	13.28	180	145059	45.307	ug/L	98
69) Naphthalene	13.52	128	409479	45.662	ug/L	99
70) 1,2,3-Trichlorobenzene	13.77	180	146025	46.606	ug/L	100

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

