

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV012821\
 Data File : VV020184.D
 Acq On : 27 Jan 2021 11:08
 Operator : SY/MD
 Sample : VSTD01066
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD01066

Manual Integrations
 APPROVED

MMDadoda
 1/29/2021 11:58:35 AM

Quant Time: Jan 27 12:23:40 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM012821WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jan 27 12:22:05 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	5.621	114	952420	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.855	117	910857	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.257	152	490080	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.306	65	68975	9.66	ug/L	0.00
7) Chloroethane-d5	1.569	69	56792	9.52	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.110	63	93238	7.00	ug/L	0.00
21) 2-Butanone-d5	3.900	46	86018	18.14	ug/L	0.02
24) Chloroform-d	4.357	84	124587	9.55	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.039	65	81128	8.98	ug/L	0.00
32) Benzene-d6	5.055	84	236078	9.74	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.077	67	72629	9.49	ug/L	0.00
41) Toluene-d8	7.322	98	216353	9.50	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.630	79	33550	8.67	ug/L	0.00
47) 2-Hexanone-d5	8.096	63	61709	18.51	ug/L	0.00
57) 1,1,2,2-Tetrachloroeth...	10.222	84	90820	8.61	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.633	152	96506	10.07	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.129	85	70472	8.87	ug/L	100
3) Chloromethane	1.241	50	78224	9.76	ug/L	99
5) Vinyl chloride	1.312	62	70742	8.68	ug/L	98
6) Bromomethane	1.524	94	41309	8.21	ug/L	93
8) Chloroethane	1.585	64	45040	8.59	ug/L	99
9) Trichlorofluoromethane	1.753	101	103636	8.92	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.119	101	46059	7.21	ug/L #	84
12) 1,1-Dichloroethene	2.119	96	42863	6.97	ug/L	78
13) Acetone	2.184	43	41264	10.82	ug/L	93
14) Carbon disulfide	2.296	76	156946	8.64	ug/L	100
15) Methyl Acetate	2.438	43	66969	9.00	ug/L	97
16) Methylene chloride	2.511	84	63711	9.33	ug/L	94
17) trans-1,2-Dichloroethene	2.762	96	59017	9.43	ug/L	95
18) Methyl tert-butyl Ether	2.769	73	184495	9.08	ug/L	99
19) 1,1-Dichloroethane	3.193	63	109543	9.16	ug/L	98
20) cis-1,2-Dichloroethene	3.917	96	62382	9.27	ug/L	96
22) 2-Butanone	3.984	43	94414m	18.71	ug/L	
23) Bromochloromethane	4.257	128	34348	9.73	ug/L #	80
25) Chloroform	4.383	83	114189	9.08	ug/L	98
27) 1,2-Dichloroethane	5.138	62	89531	8.36	ug/L	99
29) Cyclohexane	4.682	56	91538	9.15	ug/L	96
30) 1,1,1-Trichloroethane	4.611	97	99274	9.18	ug/L	97
31) Carbon tetrachloride	4.833	117	85029	9.10	ug/L	98
33) Benzene	5.106	78	242370	9.31	ug/L	100
34) Trichloroethene	5.920	95	63067	8.58	ug/L	88
35) Methylcyclohexane	6.135	83	92656	8.83	ug/L	96
37) 1,2-Dichloropropane	6.180	63	60674	8.88	ug/L #	96
38) Bromodichloromethane	6.518	83	83907	8.93	ug/L	100
39) cis-1,3-Dichloropropene	7.032	75	81742	7.72	ug/L	97
40) 4-Methyl-2-pentanone	7.232	43	162589	16.00	ug/L	96
42) Toluene	7.396	91	248376	8.92	ug/L	100
44) trans-1,3-Dichloropropene	7.659	75	86411	8.38	ug/L	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV012821\
 Data File : VV020184.D
 Acq On : 27 Jan 2021 11:08
 Operator : SY/MD
 Sample : VSTD01066
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD01066

Manual Integrations
 APPROVED

MMDadoda
 1/29/2021 11:58:35 AM

Quant Time: Jan 27 12:23:40 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM012821WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jan 27 12:22:05 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	7.846	97	62024	8.92	ug/L	97
46) Tetrachloroethene	7.981	164	53833	9.19	ug/L	94
48) 2-Hexanone	8.148	43	127678	15.86	ug/L #	94
49) Dibromochloromethane	8.251	129	64894	8.61	ug/L	99
50) 1,2-Dibromoethane	8.360	107	65272	8.60	ug/L #	98
51) Chlorobenzene	8.887	112	173080	9.18	ug/L	97
52) Ethylbenzene	9.019	91	280435	8.98	ug/L	100
53) m,p-Xylene	9.145	106	104382	9.13	ug/L	96
54) o-xylene	9.550	106	103463	9.05	ug/L	93
55) Styrene	9.566	104	175876	8.79	ug/L	98
56) Isopropylbenzene	9.939	105	235040	7.61	ug/L	96
58) 1,1,2,2-Tetrachloroethane	10.247	83	90349	8.64	ug/L #	98
59) 1,2,3-Trichloropropane	10.280	75	74372	8.10	ug/L	97
61) Bromoform	9.739	173	42709	8.16	ug/L #	98
62) 1,3-Dichlorobenzene	11.190	146	141243	9.48	ug/L	97
63) 1,4-Dichlorobenzene	11.280	146	150798	9.68	ug/L	97
65) 1,2-Dichlorobenzene	11.649	146	144281	9.34	ug/L	97
66) 1,2-Dibromo-3-chloropr...	12.437	75	19620	7.65	ug/L #	64
67) 1,3,5-Trichlorobenzene	12.653	180	116172	9.90	ug/L	96
68) 1,2,4-trichlorobenzene	13.270	180	105935	9.83	ug/L	96
69) Naphthalene	13.511	128	284502	9.11	ug/L	100
70) 1,2,3-Trichlorobenzene	13.752	180	104290	9.78	ug/L	98

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

