

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102821\
 Data File : VW023076.D
 Acq On : 28 Oct 2021 15:33
 Operator : SY/MD
 Sample : VSTD00563
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005263

Manual Integrations
 APPROVED

SAM
 11/1/2021 6:35:19 PM

Quant Time: Oct 29 01:31:08 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM102821WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 29 01:30:28 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	270575	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	266890	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	138185	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	9637	5.623	ug/L	0.00
7) Chloroethane-d5	1.568	69	7798	5.830	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.111	63	18430	5.502	ug/L	0.00
21) 2-Butanone-d5	3.899	46	12501m	12.182	ug/L	0.03
24) Chloroform-d	4.349	84	19197	5.927	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.034	65	11162	5.926	ug/L	0.00
32) Benzene-d6	5.053	84	34181	5.315	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.072	67	11117	5.609	ug/L	0.00
41) Toluene-d8	7.316	98	29487	5.003	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.628	79	4889	5.182	ug/L	0.00
47) 2-Hexanone-d5	8.091	63	7293	8.681	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.217	84	16987	6.118	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.625	152	13618	5.852	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.127	85	13437	4.973	ug/L	98
3) Chloromethane	1.240	50	12800	4.821	ug/L	100
5) Vinyl chloride	1.310	62	12312	4.846	ug/L	100
6) Bromomethane	1.519	94	7504	4.405	ug/L	99
8) Chloroethane	1.584	64	8055	5.216	ug/L	94
9) Trichlorofluoromethane	1.754	101	19351	5.453	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	10411	5.235	ug/L	97
12) 1,1-Dichloroethene	2.121	96	9396	4.999	ug/L	91
13) Acetone	2.162	43	15296	12.091	ug/L #	76
14) Carbon disulfide	2.294	76	26778	4.697	ug/L	97
15) Methyl Acetate	2.429	43	11628	5.340	ug/L	96
16) Methylene chloride	2.506	84	12327	5.156	ug/L	99
17) trans-1,2-Dichloroethene	2.760	96	10161	4.846	ug/L	92
18) Methyl tert-butyl Ether	2.767	73	28451	4.436	ug/L	99
19) 1,1-Dichloroethane	3.188	63	19193	5.123	ug/L	98
20) cis-1,2-Dichloroethene	3.915	96	10065	4.497	ug/L	94
22) 2-Butanone	3.976	43	13769m	8.621	ug/L	
23) Bromochloromethane	4.249	128	6202	5.051	ug/L	93
25) Chloroform	4.375	83	19729	5.209	ug/L	98
27) 1,2-Dichloroethane	5.137	62	14870	5.379	ug/L	95
29) Cyclohexane	4.670	56	13386	4.245	ug/L	98
30) 1,1,1-Trichloroethane	4.603	97	17630	5.197	ug/L #	86
31) Carbon tetrachloride	4.828	117	15857	5.296	ug/L	98
33) Benzene	5.101	78	39054	4.669	ug/L	100
34) Trichloroethene	5.918	95	10835	5.008	ug/L	96
35) Methylcyclohexane	6.130	83	14960	4.500	ug/L	97
37) 1,2-Dichloropropane	6.175	63	10763	5.021	ug/L #	97
38) Bromodichloromethane	6.509	83	14385	5.159	ug/L	96
39) cis-1,3-Dichloropropene	7.034	75	14003	4.360	ug/L	99
40) 4-Methyl-2-pentanone	7.230	43	23411	7.865	ug/L	97
42) Toluene	7.390	91	39143	4.443	ug/L	96
44) trans-1,3-Dichloropropene	7.654	75	13623	4.387	ug/L	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102821\
 Data File : VV023076.D
 Acq On : 28 Oct 2021 15:33
 Operator : SY/MD
 Sample : VSTD00563
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005263

Manual Integrations
 APPROVED

SAM
 11/1/2021 6:35:19 PM

Quant Time: Oct 29 01:31:08 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM102821WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 29 01:30:28 2021
 Response via : Initial Calibration

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

45) 1,1,2-Trichloroethane	7.841	97	11028	5.015	ug/L	97
46) Tetrachloroethene	7.976	164	9146	5.013	ug/L	94
48) 2-Hexanone	8.143	43	18727	8.044	ug/L	96
49) Dibromochloromethane	8.246	129	12374	5.170	ug/L	98
50) 1,2-Dibromoethane	8.355	107	11218	4.761	ug/L	99
51) Chlorobenzene	8.882	112	29159	4.972	ug/L	99
52) Ethylbenzene	9.014	91	41146	4.473	ug/L	99
53) m,p-Xylene	9.140	106	15488	4.252	ug/L	96
54) o-Xylene	9.545	106	15058	4.256	ug/L	96
55) Styrene	9.564	104	24829	4.072	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.242	83	17516	5.124	ug/L	99
59) Bromoform	9.731	173	8449	4.939	ug/L	98
60) Isopropylbenzene	9.931	105	38668	4.342	ug/L	98
61) 1,2,3-Trichloropropane	10.275	75	13133	4.977	ug/L	96
62) 1,3,5-Trimethylbenzene	10.538	105	29671	3.976	ug/L	99
63) 1,2,4-Trimethylbenzene	10.914	105	28946	3.887	ug/L	98
64) 1,3-Dichlorobenzene	11.185	146	21106	4.683	ug/L	97
65) 1,4-Dichlorobenzene	11.271	146	23125	4.944	ug/L	96
67) 1,2-Dichlorobenzene	11.644	146	22020	4.806	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.429	75	3577	4.963	ug/L	93
69) 1,3,5-Trichlorobenzene	12.647	180	15809	4.729	ug/L	97
70) 1,2,4-trichlorobenzene	13.262	180	12454	4.160	ug/L	98
71) Naphthalene	13.503	128	36471	3.720	ug/L	98
72) 1,2,3-Trichlorobenzene	13.747	180	13518	4.349	ug/L	98

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

