

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW092821\
 Data File : VW022338.D
 Acq On : 27 Sep 2021 17:21
 Operator : SY/MD
 Sample : VSTD10054
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD100254

Quant Time: Sep 28 02:15:25 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Sep 28 02:13:12 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	270515	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	268439	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	151702	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	234765	120.966	ug/L	0.00
7) Chloroethane-d5	1.558	69	185090	121.618	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.105	63	405358	124.322	ug/L	0.00
21) 2-Butanone-d5	3.870	46	364822	269.938	ug/L	0.00
24) Chloroform-d	4.349	84	429816	121.954	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.031	65	262056	124.591	ug/L	0.00
32) Benzene-d6	5.050	84	883065	117.312	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.069	67	281749	118.993	ug/L	0.00
41) Toluene-d8	7.317	98	832595	117.957	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.619	79	136616	122.026	ug/L	0.00
47) 2-Hexanone-d5	8.088	63	257838	280.235	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.217	84	414932	133.472	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.625	152	346059	113.566	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.127	85	256365	128.498	ug/L	99
3) Chloromethane	1.243	50	262900	125.845	ug/L	100
5) Vinyl chloride	1.307	62	248195	119.885	ug/L	99
6) Bromomethane	1.507	94	160823	128.126	ug/L	98
8) Chloroethane	1.577	64	150990	117.367	ug/L	99
9) Trichlorofluoromethane	1.748	101	333519	113.832	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	188056	111.119	ug/L	98
12) 1,1-Dichloroethene	2.114	96	178440	111.425	ug/L	94
13) Acetone	2.156	43	260156	236.633	ug/L	95
14) Carbon disulfide	2.288	76	586243	120.357	ug/L	100
15) Methyl Acetate	2.426	43	256954	119.174	ug/L	99
16) Methylene chloride	2.503	84	229732	107.421	ug/L	98
17) trans-1,2-Dichloroethene	2.757	96	209628	109.546	ug/L	100
18) Methyl tert-butyl Ether	2.767	73	646851	107.604	ug/L	100
19) 1,1-Dichloroethane	3.188	63	375174	109.762	ug/L	99
20) cis-1,2-Dichloroethene	3.908	96	229833	108.731	ug/L	99
22) 2-Butanone	3.953	43	374473	243.783	ug/L	99
23) Bromochloromethane	4.246	128	122762	108.598	ug/L	97
25) Chloroform	4.375	83	385929	106.985	ug/L	98
27) 1,2-Dichloroethane	5.130	62	278717	114.779	ug/L	98
29) Cyclohexane	4.677	56	337023	110.543	ug/L	99
30) 1,1,1-Trichloroethane	4.606	97	333442	104.206	ug/L	100
31) Carbon tetrachloride	4.828	117	293232	106.329	ug/L	99
33) Benzene	5.098	78	852125	107.590	ug/L	100
34) Trichloroethene	5.915	95	212870	97.095	ug/L	100
35) Methylcyclohexane	6.130	83	349543	106.833	ug/L	99
37) 1,2-Dichloropropane	6.175	63	219488	107.019	ug/L	100
38) Bromodichloromethane	6.510	83	281769	107.919	ug/L	96
39) cis-1,3-Dichloropropene	7.027	75	343463	109.840	ug/L	100
40) 4-Methyl-2-pentanone	7.227	43	660361	236.032	ug/L	98
42) Toluene	7.387	91	920791	107.897	ug/L	100
44) trans-1,3-Dichloropropene	7.651	75	334014	114.071	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.841	97	218608	105.323	ug/L	99
46) Tetrachloroethene	7.976	164	177123	102.865	ug/L	98
48) 2-Hexanone	8.140	43	524006	242.468	ug/L	99
49) Dibromochloromethane	8.246	129	243250	109.533	ug/L	100
50) 1,2-Dibromoethane	8.352	107	236780	106.359	ug/L	98
51) Chlorobenzene	8.882	112	588367	103.461	ug/L	99
52) Ethylbenzene	9.014	91	984163	107.212	ug/L	99
53) m,p-Xylene	9.140	106	387351	108.685	ug/L	100
54) o-Xylene	9.545	106	377650	107.264	ug/L	99
55) Styrene	9.561	104	668684	110.788	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.243	83	369794	120.043	ug/L	99
59) Bromoform	9.731	173	182956	113.049	ug/L	97
60) Isopropylbenzene	9.934	105	999265	104.973	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	281916	105.997	ug/L	98
62) 1,3,5-Trimethylbenzene	10.542	105	852465	106.865	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	865536	106.736	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	488353	101.117	ug/L	100
65) 1,4-Dichlorobenzene	11.275	146	490495	99.496	ug/L	99
67) 1,2-Dichlorobenzene	11.644	146	492214	102.313	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.429	75	82538	127.571	ug/L	97
69) 1,3,5-Trichlorobenzene	12.648	180	359325	100.428	ug/L	99
70) 1,2,4-trichlorobenzene	13.265	180	316694	101.472	ug/L	100
71) Naphthalene	13.503	128	1084941	118.604	ug/L	100
72) 1,2,3-Trichlorobenzene	13.747	180	321198	104.407	ug/L	99

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

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