

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW071921\
 Data File : VW021679.D
 Acq On : 19 Jul 2021 13:49
 Operator : SY/MD
 Sample : VSTD10028
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD100228

Quant Time: Jul 20 01:28:32 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM071921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jul 20 01:26:08 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	439219	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	410459	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	212772	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	318345	112.305	ug/L	0.00
7) Chloroethane-d5	1.555	69	237785	104.460	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.105	63	525302	103.275	ug/L	0.00
21) 2-Butanone-d5	3.870	46	524170	221.537	ug/L	0.00
24) Chloroform-d	4.349	84	606429	104.159	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.031	65	360786	105.059	ug/L	0.00
32) Benzene-d6	5.050	84	1235320	105.755	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.072	67	387501	105.010	ug/L	0.00
41) Toluene-d8	7.317	98	1144606	105.734	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.622	79	198584	108.283	ug/L	0.00
47) 2-Hexanone-d5	8.088	63	390033	230.122	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.217	84	524595	106.437	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.625	152	453608	105.514	ug/L	0.00
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	304220	83.224	ug/L	99
3) Chloromethane	1.240	50	290737	82.710	ug/L	100
5) Vinyl chloride	1.307	62	303676	86.267	ug/L	100
6) Bromomethane	1.507	94	115412	60.565	ug/L	99
8) Chloroethane	1.574	64	180984	89.711	ug/L	100
9) Trichlorofluoromethane	1.748	101	426090	94.195	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	237283	92.641	ug/L	99
12) 1,1-Dichloroethene	2.114	96	223351	91.057	ug/L	94
13) Acetone	2.159	43	284210	155.163	ug/L	99
14) Carbon disulfide	2.291	76	675412	79.770	ug/L	99
15) Methyl Acetate	2.426	43	341008	95.219	ug/L	100
16) Methylene chloride	2.503	84	302770	89.967	ug/L	99
17) trans-1,2-Dichloroethene	2.757	96	272500	91.059	ug/L	99
18) Methyl tert-butyl Ether	2.767	73	924129	94.508	ug/L	99
19) 1,1-Dichloroethane	3.188	63	514128	93.665	ug/L	98
20) cis-1,2-Dichloroethene	3.912	96	314711	93.881	ug/L	99
22) 2-Butanone	3.957	43	487304	186.212	ug/L	96
23) Bromochloromethane	4.246	128	166330	94.085	ug/L	98
25) Chloroform	4.375	83	527303	94.085	ug/L	97
27) 1,2-Dichloroethane	5.130	62	381585	94.089	ug/L	99
29) Cyclohexane	4.677	56	440200	86.680	ug/L	100
30) 1,1,1-Trichloroethane	4.609	97	472013	92.314	ug/L	100
31) Carbon tetrachloride	4.828	117	411920	92.124	ug/L	99
33) Benzene	5.098	78	1141825	92.205	ug/L	100
34) Trichloroethene	5.915	95	304338	91.099	ug/L	97
35) Methylcyclohexane	6.133	83	460145	87.683	ug/L	99
37) 1,2-Dichloropropane	6.175	63	300403	92.747	ug/L	100
38) Bromodichloromethane	6.510	83	407550	93.841	ug/L	99
39) cis-1,3-Dichloropropene	7.027	75	496745	93.791	ug/L	100
40) 4-Methyl-2-pentanone	7.227	43	909362	192.543	ug/L	100
42) Toluene	7.391	91	1226126	92.532	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	469836	95.053	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.841	97	298343	94.077	ug/L	100
46) Tetrachloroethene	7.976	164	239874	90.544	ug/L	99
48) 2-Hexanone	8.140	43	693022	186.465	ug/L	100
49) Dibromochloromethane	8.249	129	348589	96.063	ug/L	97
50) 1,2-Dibromoethane	8.352	107	323005	93.359	ug/L	100
51) Chlorobenzene	8.882	112	798221	92.492	ug/L	100
52) Ethylbenzene	9.014	91	1322819	91.996	ug/L	99
53) m,p-Xylene	9.140	106	514666	93.256	ug/L	96
54) o-Xylene	9.545	106	511705	92.887	ug/L	99
55) Styrene	9.561	104	882927	94.703	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.243	83	477170	96.782	ug/L	100
59) Bromoform	9.731	173	266711	98.584	ug/L	99
60) Isopropylbenzene	9.934	105	1345728	93.412	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	385798	94.289	ug/L	99
62) 1,3,5-Trimethylbenzene	10.542	105	1134447	92.435	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	1158498	93.414	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	641305	94.611	ug/L	99
65) 1,4-Dichlorobenzene	11.275	146	636588	93.763	ug/L	100
67) 1,2-Dichlorobenzene	11.644	146	640935	94.190	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	118277	99.174	ug/L	99
69) 1,3,5-Trichlorobenzene	12.648	180	497257	98.295	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	456485	104.615	ug/L	99
71) Naphthalene	13.503	128	1486484	111.734	ug/L	100
72) 1,2,3-Trichlorobenzene	13.744	180	462306	106.571	ug/L	100

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

