

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW071921\
 Data File : VW021677.D
 Acq On : 19 Jul 2021 13:01
 Operator : SY/MD
 Sample : VSTD01026
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD010226

Quant Time: Jul 20 01:27:47 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	461757	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	422716	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	210823	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	31288	10.499	ug/L	0.00
7) Chloroethane-d5	1.561	69	25147	10.508	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.108	63	54394	10.172	ug/L	0.00
21) 2-Butanone-d5	3.889	46	49846	20.039	ug/L	0.01
24) Chloroform-d	4.352	84	60754	9.926	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.037	65	36300	10.054	ug/L	0.00
32) Benzene-d6	5.053	84	123550	10.270	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.076	67	38204	10.053	ug/L	0.00
41) Toluene-d8	7.320	98	112138	10.059	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.629	79	18745	9.925	ug/L	0.00
47) 2-Hexanone-d5	8.092	63	32255	18.479	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.220	84	50468	9.943	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.628	152	42407	9.956	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.127	85	33745	8.781	ug/L	100
3) Chloromethane	1.240	50	32372	8.760	ug/L	99
5) Vinyl chloride	1.311	62	33691	9.104	ug/L	100
6) Bromomethane	1.516	94	17421	8.696	ug/L	99
8) Chloroethane	1.581	64	20160	9.505	ug/L	96
9) Trichlorofluoromethane	1.751	101	46240	9.723	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	26213	9.735	ug/L	98
12) 1,1-Dichloroethene	2.118	96	24445	9.479	ug/L	92
13) Acetone	2.166	43	33379	17.334	ug/L	96
14) Carbon disulfide	2.294	76	73873	8.299	ug/L	100
15) Methyl Acetate	2.429	43	35129	9.330	ug/L	99
16) Methylene chloride	2.507	84	37028	10.466	ug/L	98
17) trans-1,2-Dichloroethene	2.761	96	28965	9.207	ug/L	97
18) Methyl tert-butyl Ether	2.767	73	100039	9.731	ug/L	99
19) 1,1-Dichloroethane	3.191	63	56041	9.711	ug/L	100
20) cis-1,2-Dichloroethene	3.915	96	33638	9.545	ug/L	97
22) 2-Butanone	3.970	43	47399	17.228	ug/L	95
23) Bromochloromethane	4.253	128	18126	9.753	ug/L	97
25) Chloroform	4.378	83	56851	9.649	ug/L	98
27) 1,2-Dichloroethane	5.137	62	40779	9.564	ug/L	100
29) Cyclohexane	4.677	56	47622	9.105	ug/L	100
30) 1,1,1-Trichloroethane	4.609	97	50917	9.669	ug/L	98
31) Carbon tetrachloride	4.831	117	43994	9.554	ug/L	98
33) Benzene	5.101	78	123679	9.698	ug/L	100
34) Trichloroethene	5.918	95	33612	9.769	ug/L	96
35) Methylcyclohexane	6.133	83	47912	8.865	ug/L	98
37) 1,2-Dichloropropane	6.178	63	31817	9.538	ug/L	98
38) Bromodichloromethane	6.513	83	42410	9.482	ug/L	96
39) cis-1,3-Dichloropropene	7.034	75	47350	8.681	ug/L	99
40) 4-Methyl-2-pentanone	7.230	43	96085	19.755	ug/L	98
42) Toluene	7.391	91	131457	9.633	ug/L	97
44) trans-1,3-Dichloropropene	7.658	75	46085	9.053	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.844	97	32218	9.865	ug/L	98
46) Tetrachloroethene	7.979	164	25264	9.260	ug/L	97
48) 2-Hexanone	8.143	43	72776	19.013	ug/L	100
49) Dibromochloromethane	8.249	129	34345	9.190	ug/L	99
50) 1,2-Dibromoethane	8.358	107	33915	9.518	ug/L #	98
51) Chlorobenzene	8.886	112	87298	9.822	ug/L	99
52) Ethylbenzene	9.014	91	139819	9.442	ug/L	99
53) m,p-Xylene	9.143	106	53715	9.451	ug/L	93
54) o-Xylene	9.545	106	54675	9.637	ug/L	95
55) Styrene	9.564	104	89384	9.309	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.243	83	48777	9.606	ug/L	99
59) Bromoform	9.735	173	25374	9.466	ug/L	98
60) Isopropylbenzene	9.934	105	140936	9.873	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	41215	10.166	ug/L	99
62) 1,3,5-Trimethylbenzene	10.542	105	116491	9.579	ug/L	98
63) 1,2,4-Trimethylbenzene	10.915	105	117345	9.549	ug/L	99
64) 1,3-Dichlorobenzene	11.185	146	64873	9.659	ug/L	99
65) 1,4-Dichlorobenzene	11.275	146	65407	9.723	ug/L	100
67) 1,2-Dichlorobenzene	11.645	146	67389	9.995	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.429	75	10632	8.997	ug/L	96
69) 1,3,5-Trichlorobenzene	12.648	180	46275	9.232	ug/L	99
70) 1,2,4-trichlorobenzene	13.265	180	38652	8.940	ug/L	98
71) Naphthalene	13.506	128	111891	8.488	ug/L	99
72) 1,2,3-Trichlorobenzene	13.747	180	38854	9.039	ug/L	97

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

