

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW092022\
 Data File : VW027959.D
 Acq On : 20 Sep 2022 13:18
 Operator : SY/MD
 Sample : VSTD05060
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050260

Quant Time: Sep 21 01:30:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 21 01:28:10 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	376701	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	371304	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	210906	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	162512	60.047	ug/L	0.00
7) Chloroethane-d5	1.561	69	126820	63.399	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.101	63	284701	57.792	ug/L	0.00
21) 2-Butanone-d5	3.870	46	197412	89.548	ug/L	0.00
24) Chloroform-d	4.339	84	275444	51.771	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.024	65	183759	55.194	ug/L	0.00
32) Benzene-d6	5.043	84	560484	60.066	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.063	67	172977	53.805	ug/L	0.00
41) Toluene-d8	7.310	98	497442	62.539	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.619	79	84495	58.986	ug/L	0.00
47) 2-Hexanone-d5	8.085	63	171052	111.078	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.210	84	254573	49.578	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.619	152	196928	52.880	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.127	85	131593	40.786	ug/L	100
3) Chloromethane	1.240	50	154942	41.998	ug/L	100
5) Vinyl chloride	1.307	62	159599	43.052	ug/L	100
6) Bromomethane	1.513	94	100577	54.217	ug/L	100
8) Chloroethane	1.577	64	100036	47.960	ug/L	100
9) Trichlorofluoromethane	1.748	101	235202	48.024	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	125948	46.643	ug/L	100
12) 1,1-Dichloroethene	2.111	96	125490	47.961	ug/L	100
13) Acetone	2.156	43	152191	88.534	ug/L	100
14) Carbon disulfide	2.288	76	341323	40.114	ug/L	100
15) Methyl Acetate	2.423	43	145878	38.386	ug/L	100
16) Methylene chloride	2.500	84	142775	42.336	ug/L	100
17) trans-1,2-Dichloroethene	2.754	96	123603	43.963	ug/L	100
18) Methyl tert-butyl Ether	2.764	73	394817	46.877	ug/L	100
19) 1,1-Dichloroethane	3.182	63	234533	41.918	ug/L	100
20) cis-1,2-Dichloroethene	3.905	96	137767	46.834	ug/L	100
22) 2-Butanone	3.950	43	202424	88.541	ug/L	100
23) Bromochloromethane	4.240	128	75270	45.775	ug/L	100
25) Chloroform	4.368	83	254337	44.405	ug/L	100
27) 1,2-Dichloroethane	5.124	62	207939	46.403	ug/L	100
29) Cyclohexane	4.670	56	208587	49.043	ug/L	100
30) 1,1,1-Trichloroethane	4.600	97	228070	46.895	ug/L	100
31) Carbon tetrachloride	4.822	117	199542	47.059	ug/L	100
33) Benzene	5.092	78	563922	48.130	ug/L	100
34) Trichloroethene	5.908	95	134777	45.283	ug/L	100
35) Methylcyclohexane	6.127	83	215812	48.782	ug/L	100
37) 1,2-Dichloropropane	6.169	63	149995	46.163	ug/L	100
38) Bromodichloromethane	6.506	83	200286	46.591	ug/L	100
39) cis-1,3-Dichloropropene	7.024	75	216887	49.535	ug/L	100
40) 4-Methyl-2-pentanone	7.223	43	419469	92.031	ug/L	100
42) Toluene	7.384	91	580175	49.081	ug/L	100
44) trans-1,3-Dichloropropene	7.645	75	221801	51.272	ug/L	100

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

45) 1,1,2-Trichloroethane	7.834	97	145923	46.360	ug/L	100
46) Tetrachloroethene	7.973	164	108847	48.984	ug/L	100
48) 2-Hexanone	8.137	43	356240	97.269	ug/L	100
49) Dibromochloromethane	8.243	129	157200	47.037	ug/L	100
50) 1,2-Dibromoethane	8.349	107	148216	46.036	ug/L	100
51) Chlorobenzene	8.879	112	376009	46.990	ug/L	100
52) Ethylbenzene	9.008	91	625929	50.496	ug/L	100
53) m,p-Xylene	9.137	106	245425	52.321	ug/L	100
54) o-Xylene	9.542	106	237485	51.932	ug/L	100
55) Styrene	9.558	104	433381	54.187	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.239	83	248590	46.893	ug/L	100
59) Bromoform	9.728	173	117480	47.177	ug/L	100
60) Isopropylbenzene	9.928	105	628383	48.095	ug/L	100
61) 1,2,3-Trichloropropane	10.268	75	197267	42.038	ug/L	100
62) 1,3,5-Trimethylbenzene	10.535	105	528959	48.843	ug/L	100
63) 1,2,4-Trimethylbenzene	10.911	105	541082	50.771	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	306321	47.997	ug/L	100
65) 1,4-Dichlorobenzene	11.268	146	314965	47.062	ug/L	100
67) 1,2-Dichlorobenzene	11.638	146	305836	46.227	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.426	75	58734	44.178	ug/L	100
69) 1,3,5-Trichlorobenzene	12.641	180	236448	53.440	ug/L	100
70) 1,2,4-trichlorobenzene	13.259	180	209723	55.962	ug/L	100
71) Naphthalene	13.500	128	715473	56.520	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	222098	54.902	ug/L	100

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

