

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW092022\
 Data File : VW027960.D
 Acq On : 20 Sep 2022 13:43
 Operator : SY/MD
 Sample : VSTD10061
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD100261

Quant Time: Sep 21 01:30:28 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	5.612	114	373612	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	377029	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	214498	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	349838	130.332	ug/L	0.00
7) Chloroethane-d5	1.555	69	272220	137.212	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.101	63	610698	124.992	ug/L	0.00
21) 2-Butanone-d5	3.863	46	394483	180.421	ug/L	0.00
24) Chloroform-d	4.339	84	559840	106.094	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.024	65	361572	109.499	ug/L	0.00
32) Benzene-d6	5.040	84	1115551	117.736	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.063	67	359074	109.995	ug/L	0.00
41) Toluene-d8	7.310	98	1090250	134.986	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.616	79	190125	130.712	ug/L	0.00
47) 2-Hexanone-d5	8.082	63	388463	248.430	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.210	84	538757	103.329	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.622	152	432238	114.123	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.124	85	269511	84.224	ug/L	100
3) Chloromethane	1.236	50	321821	87.953	ug/L	100
5) Vinyl chloride	1.307	62	329592	89.642	ug/L	98
6) Bromomethane	1.506	94	214764	116.728	ug/L	99
8) Chloroethane	1.574	64	207708	100.404	ug/L	99
9) Trichlorofluoromethane	1.744	101	483608	99.560	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.108	101	263458	98.374	ug/L	98
12) 1,1-Dichloroethene	2.111	96	265279	102.226	ug/L	92
13) Acetone	2.153	43	310777	182.283	ug/L	100
14) Carbon disulfide	2.285	76	706924	83.769	ug/L	100
15) Methyl Acetate	2.420	43	305924	81.165	ug/L	99
16) Methylene chloride	2.497	84	290893	86.971	ug/L	98
17) trans-1,2-Dichloroethene	2.751	96	256373	91.941	ug/L	98
18) Methyl tert-butyl Ether	2.764	73	831749	99.570	ug/L	99
19) 1,1-Dichloroethane	3.182	63	483543	87.139	ug/L	99
20) cis-1,2-Dichloroethene	3.902	96	290464	99.561	ug/L	98
22) 2-Butanone	3.947	43	427774	188.657	ug/L	95
23) Bromochloromethane	4.236	128	151401	92.836	ug/L	96
25) Chloroform	4.365	83	512436	90.206	ug/L	99
27) 1,2-Dichloroethane	5.120	62	395265	88.935	ug/L	100
29) Cyclohexane	4.670	56	406651	94.160	ug/L	96
30) 1,1,1-Trichloroethane	4.600	97	446969	90.508	ug/L	99
31) Carbon tetrachloride	4.821	117	391276	90.876	ug/L	98
33) Benzene	5.092	78	1085847	91.269	ug/L	100
34) Trichloroethene	5.908	95	271157	89.721	ug/L	98
35) Methylcyclohexane	6.124	83	467518	104.073	ug/L	98
37) 1,2-Dichloropropane	6.165	63	309078	93.678	ug/L	100
38) Bromodichloromethane	6.503	83	408262	93.529	ug/L	99
39) cis-1,3-Dichloropropene	7.021	75	486758	109.484	ug/L	99
40) 4-Methyl-2-pentanone	7.220	43	961874	207.829	ug/L	100
42) Toluene	7.384	91	1233937	102.803	ug/L	99
44) trans-1,3-Dichloropropene	7.644	75	470915	107.205	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.834	97	297641	93.126	ug/L	98
46) Tetrachloroethene	7.972	164	222626	98.666	ug/L	98
48) 2-Hexanone	8.133	43	754854	202.977	ug/L	99
49) Dibromochloromethane	8.243	129	327766	96.584	ug/L	97
50) 1,2-Dibromoethane	8.349	107	306069	93.622	ug/L	99
51) Chlorobenzene	8.876	112	782705	96.330	ug/L	98
52) Ethylbenzene	9.008	91	1347087	107.025	ug/L	99
53) m,p-Xylene	9.136	106	518368	108.831	ug/L	96
54) o-Xylene	9.541	106	508503	109.509	ug/L	99
55) Styrene	9.558	104	915337	112.709	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.239	83	514752	95.625	ug/L	99
59) Bromoform	9.728	173	249727	98.605	ug/L	99
60) Isopropylbenzene	9.927	105	1352409	101.777	ug/L	99
61) 1,2,3-Trichloropropane	10.268	75	409463	85.795	ug/L	99
62) 1,3,5-Trimethylbenzene	10.535	105	1180168	107.150	ug/L	98
63) 1,2,4-Trimethylbenzene	10.911	105	1178384	108.720	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	643477	99.138	ug/L	99
65) 1,4-Dichlorobenzene	11.268	146	649702	95.452	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	652959	97.041	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.426	75	127926	94.611	ug/L	99
69) 1,3,5-Trichlorobenzene	12.641	180	509964	113.327	ug/L	100
70) 1,2,4-trichlorobenzene	13.258	180	461137	120.988	ug/L	99
71) Naphthalene	13.496	128	1600997	124.356	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	480592	116.812	ug/L	99

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

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