

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW092022\
 Data File : VW027961.D
 Acq On : 20 Sep 2022 14:07
 Operator : SY/MD
 Sample : VSTD20062
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD200262

Quant Time: Sep 21 01:30:55 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	5.609	114	397526	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	389737	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	230579	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	687089	240.576	ug/L	0.00
7) Chloroethane-d5	1.548	69	514435	243.701	ug/L	-0.01
11) 1,1-Dichloroethene-d2	2.098	63	1215629	233.837	ug/L	0.00
21) 2-Butanone-d5	3.860	46	1006703	432.728	ug/L	0.00
24) Chloroform-d	4.336	84	1192555	212.403	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.021	65	768813	218.823	ug/L	0.00
32) Benzene-d6	5.040	84	2349216	239.854	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.063	67	744802	220.715	ug/L	0.00
41) Toluene-d8	7.310	98	2163897	259.181	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.616	79	386815	257.266	ug/L	0.00
47) 2-Hexanone-d5	8.082	63	809875	501.043	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.210	84	996466	184.883	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.622	152	905772	222.470	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.124	85	549898	161.508	ug/L	100
3) Chloromethane	1.237	50	657562	168.900	ug/L	99
5) Vinyl chloride	1.304	62	674513	172.418	ug/L	99
6) Bromomethane	1.497	94	448352	229.028	ug/L	99
8) Chloroethane	1.568	64	425142	193.146	ug/L	99
9) Trichlorofluoromethane	1.741	101	979600	189.537	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.105	101	537840	188.745	ug/L	98
12) 1,1-Dichloroethene	2.108	96	542409	196.444	ug/L	88
13) Acetone	2.153	43	645634	355.908	ug/L	99
14) Carbon disulfide	2.282	76	1439221	160.285	ug/L	99
15) Methyl Acetate	2.420	43	625709	156.021	ug/L	99
16) Methylene chloride	2.497	84	576128	161.887	ug/L	99
17) trans-1,2-Dichloroethene	2.748	96	516773	174.177	ug/L	96
18) Methyl tert-butyl Ether	2.761	73	1730136	194.658	ug/L	100
19) 1,1-Dichloroethane	3.179	63	981122	166.171	ug/L	100
20) cis-1,2-Dichloroethene	3.899	96	627737	202.222	ug/L	92
22) 2-Butanone	3.944	43	1035883	429.364	ug/L	99
23) Bromochloromethane	4.233	128	320615	184.767	ug/L	95
25) Chloroform	4.362	83	1094616	181.098	ug/L	99
27) 1,2-Dichloroethane	5.121	62	863970	182.700	ug/L	100
29) Cyclohexane	4.667	56	947301	212.196	ug/L	99
30) 1,1,1-Trichloroethane	4.597	97	954889	187.053	ug/L	99
31) Carbon tetrachloride	4.818	117	828744	186.203	ug/L	99
33) Benzene	5.088	78	2340688	190.327	ug/L	100
34) Trichloroethene	5.905	95	576434	184.512	ug/L	99
35) Methylcyclohexane	6.124	83	969766	208.837	ug/L	98
37) 1,2-Dichloropropane	6.166	63	622327	182.470	ug/L	99
38) Bromodichloromethane	6.500	83	836882	185.470	ug/L	99
39) cis-1,3-Dichloropropene	7.021	75	977051	212.597	ug/L	99
40) 4-Methyl-2-pentanone	7.220	43	1979397	413.737	ug/L	99
42) Toluene	7.381	91	2503576	201.779	ug/L	98
44) trans-1,3-Dichloropropene	7.645	75	1006568	221.675	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.834	97	593071	179.509	ug/L	98
46) Tetrachloroethene	7.973	164	458591	196.616	ug/L	100
48) 2-Hexanone	8.133	43	1544194	401.689	ug/L	99
49) Dibromochloromethane	8.243	129	672920	191.826	ug/L	97
50) 1,2-Dibromoethane	8.346	107	628549	185.994	ug/L	99
51) Chlorobenzene	8.876	112	1614832	192.263	ug/L	99
52) Ethylbenzene	9.008	91	2771835	213.040	ug/L	99
53) m,p-Xylene	9.133	106	1067107	216.732	ug/L	97
54) o-Xylene	9.538	106	1026766	213.911	ug/L	98
55) Styrene	9.555	104	1806821	215.227	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.236	83	968593	174.068	ug/L	100
59) Bromoform	9.725	173	511903	188.030	ug/L	98
60) Isopropylbenzene	9.928	105	2690409	188.348	ug/L	99
61) 1,2,3-Trichloropropane	10.268	75	774283	150.922	ug/L	98
62) 1,3,5-Trimethylbenzene	10.535	105	2415217	203.990	ug/L	98
63) 1,2,4-Trimethylbenzene	10.911	105	2482639	213.078	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	1361702	195.160	ug/L	99
65) 1,4-Dichlorobenzene	11.268	146	1377486	188.262	ug/L	98
67) 1,2-Dichlorobenzene	11.638	146	1375424	190.156	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.423	75	272196	187.270	ug/L	98
69) 1,3,5-Trichlorobenzene	12.641	180	1086414	224.592	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	1012860	247.209	ug/L	99
71) Naphthalene	13.497	128	3432327	248.009	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	1014572	229.403	ug/L	100

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

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