

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV103122\
 Data File : VV028775.D
 Acq On : 31 Oct 2022 12:32
 Operator : SY/MD
 Sample : VSTD10073
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD100273

Quant Time: Nov 01 02:59:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM103122WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Nov 01 02:57:26 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	454399	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	428553	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	218162	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	429321	118.935	ug/L	0.00
7) Chloroethane-d5	1.558	69	385971	132.666	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.105	63	828647	130.242	ug/L	0.00
21) 2-Butanone-d5	3.867	46	659724	210.001	ug/L	0.00
24) Chloroform-d	4.339	84	669580	104.660	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.024	65	440394	106.198	ug/L	0.00
32) Benzene-d6	5.044	84	1358109	100.025	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.063	67	465036	104.027	ug/L	0.00
41) Toluene-d8	7.310	98	1221687	100.605	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.613	79	197618	91.529	ug/L	0.00
47) 2-Hexanone-d5	8.082	63	454197	192.931	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.207	84	604967	99.628	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.616	152	428528	96.725	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.127	85	338446	99.655	ug/L	100
3) Chloromethane	1.237	50	544979	130.329	ug/L	100
5) Vinyl chloride	1.307	62	524516	127.885	ug/L	99
6) Bromomethane	1.516	94	285080	145.578	ug/L	97
8) Chloroethane	1.577	64	356805	141.796	ug/L	99
9) Trichlorofluoromethane	1.748	101	615217	122.860	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	343337	120.634	ug/L	100
12) 1,1-Dichloroethene	2.114	96	342300	122.538	ug/L	93
13) Acetone	2.159	43	539019	204.327	ug/L	99
14) Carbon disulfide	2.288	76	981486	113.727	ug/L	99
15) Methyl Acetate	2.423	43	515424	119.680	ug/L	100
16) Methylene chloride	2.500	84	383690	108.378	ug/L	99
17) trans-1,2-Dichloroethene	2.754	96	335363	106.847	ug/L	96
18) Methyl tert-butyl Ether	2.761	73	1171098	103.157	ug/L	100
19) 1,1-Dichloroethane	3.182	63	726052	112.032	ug/L	98
20) cis-1,2-Dichloroethene	3.902	96	374991	106.071	ug/L #	100
22) 2-Butanone	3.950	43	763976	230.798	ug/L	94
23) Bromochloromethane	4.236	128	180159	105.459	ug/L	98
25) Chloroform	4.365	83	677385	108.491	ug/L	99
27) 1,2-Dichloroethane	5.121	62	562589	115.788	ug/L	99
29) Cyclohexane	4.671	56	705623	112.220	ug/L	100
30) 1,1,1-Trichloroethane	4.600	97	551085	100.385	ug/L	99
31) Carbon tetrachloride	4.822	117	448826	98.312	ug/L	100
33) Benzene	5.092	78	1552626	108.478	ug/L	100
34) Trichloroethene	5.908	95	359691	102.997	ug/L	97
35) Methylcyclohexane	6.127	83	649735	106.068	ug/L	99
37) 1,2-Dichloropropane	6.166	63	427817	111.211	ug/L	100
38) Bromodichloromethane	6.503	83	499990	102.294	ug/L	99
39) cis-1,3-Dichloropropene	7.021	75	611566	102.656	ug/L	99
40) 4-Methyl-2-pentanone	7.220	43	1447372	220.459	ug/L	100
42) Toluene	7.381	91	1585668	107.818	ug/L	98
44) trans-1,3-Dichloropropene	7.641	75	588468	103.429	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.831	97	361668	102.936	ug/L	99
46) Tetrachloroethene	7.969	164	251719	100.750	ug/L	99
48) 2-Hexanone	8.133	43	1112704	219.770	ug/L	99
49) Dibromochloromethane	8.240	129	355328	97.010	ug/L	98
50) 1,2-Dibromoethane	8.346	107	373385	103.340	ug/L	100
51) Chlorobenzene	8.873	112	954669	104.318	ug/L	99
52) Ethylbenzene	9.005	91	1749878	109.337	ug/L	100
53) m,p-Xylene	9.130	106	644635	106.942	ug/L	99
54) o-Xylene	9.535	106	636647	105.752	ug/L	98
55) Styrene	9.551	104	1110668	107.360	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.233	83	642081	105.383	ug/L	100
59) Bromoform	9.722	173	231228	89.450	ug/L	100
60) Isopropylbenzene	9.924	105	1695389	106.887	ug/L	99
61) 1,2,3-Trichloropropane	10.265	75	500403	105.657	ug/L	99
62) 1,3,5-Trimethylbenzene	10.532	105	1449074	106.127	ug/L	99
63) 1,2,4-Trimethylbenzene	10.905	105	1442987	106.438	ug/L	100
64) 1,3-Dichlorobenzene	11.172	146	717418	104.353	ug/L	99
65) 1,4-Dichlorobenzene	11.265	146	719511	104.761	ug/L	99
67) 1,2-Dichlorobenzene	11.635	146	721851	104.076	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.416	75	137794	98.781	ug/L	97
69) 1,3,5-Trichlorobenzene	12.635	180	522211	101.348	ug/L	99
70) 1,2,4-trichlorobenzene	13.249	180	468465	104.506	ug/L	99
71) Naphthalene	13.490	128	1559513	110.479	ug/L	100
72) 1,2,3-Trichlorobenzene	13.734	180	475095	107.314	ug/L	99

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

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