

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW103123\
 Data File : VW032788.D
 Acq On : 31 Oct 2023 09:58
 Operator : SY/MD
 Sample : VSTD10076
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD100276

Quant Time: Nov 01 05:13:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM103123WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Nov 01 05:10:30 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	379284	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	409216	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	236722	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	351773	136.048	ug/L	0.00
7) Chloroethane-d5	1.529	69	292675	132.695	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.060	65	143722	130.839	ug/L	0.00
21) 2-Butanone-d5	3.780	46	329446	167.550	ug/L	0.00
24) Chloroform-d	4.249	84	557278	110.469	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.941	65	351828	115.695	ug/L	0.00
32) Benzene-d6	4.960	84	1118188	104.472	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.989	67	329182	95.175	ug/L	0.00
41) Toluene-d8	7.243	98	1129995	113.084	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.551	79	185976	110.356	ug/L	0.00
47) 2-Hexanone-d5	8.024	63	276201	190.461	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.153	84	492360	98.770	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.561	152	461439	106.953	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.105	85	302285	94.823	ug/L	100
3) Chloromethane	1.217	50	288878	84.815	ug/L	99
5) Vinyl chloride	1.285	62	313170	92.032	ug/L	99
6) Bromomethane	1.481	94	216944	110.106	ug/L	97
8) Chloroethane	1.545	64	214432	99.800	ug/L	99
9) Trichlorofluoromethane	1.712	101	521009	114.757	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	297392	108.434	ug/L	99
12) 1,1-Dichloroethene	2.069	96	268282	107.428	ug/L	92
13) Acetone	2.111	43	458965	220.447	ug/L	99
14) Carbon disulfide	2.240	76	676508	88.734	ug/L	99
15) Methyl Acetate	2.372	43	253199	76.987	ug/L	98
16) Methylene chloride	2.446	84	298370	95.666	ug/L	100
17) trans-1,2-Dichloroethene	2.693	96	252250	91.937	ug/L	96
18) Methyl tert-butyl Ether	2.703	73	818342	91.934	ug/L	99
19) 1,1-Dichloroethane	3.111	63	474539	89.717	ug/L	99
20) cis-1,2-Dichloroethene	3.815	96	291503	95.684	ug/L	99
22) 2-Butanone	3.860	43	430119	168.873	ug/L	98
23) Bromochloromethane	4.146	128	159790	102.558	ug/L	95
25) Chloroform	4.275	83	532487	99.704	ug/L	99
27) 1,2-Dichloroethane	5.040	62	406683	101.364	ug/L	99
29) Cyclohexane	4.584	56	389599	73.779	ug/L #	92
30) 1,1,1-Trichloroethane	4.513	97	465008	92.900	ug/L	99
31) Carbon tetrachloride	4.738	117	410067	94.432	ug/L	100
33) Benzene	5.011	78	1103143	87.985	ug/L	100
34) Trichloroethene	5.831	95	295112	85.331	ug/L	97
35) Methylcyclohexane	6.053	83	504321	90.970	ug/L	98
37) 1,2-Dichloropropane	6.095	63	304174	87.073	ug/L	100
38) Bromodichloromethane	6.433	83	435508	98.238	ug/L	100
39) cis-1,3-Dichloropropene	6.953	75	504754	94.214	ug/L	96
40) 4-Methyl-2-pentanone	7.156	43	754953	153.536	ug/L	99
42) Toluene	7.317	91	1298175	95.020	ug/L	99
44) trans-1,3-Dichloropropene	7.580	75	478200	95.022	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.770	97	319382	95.177	ug/L	98
46) Tetrachloroethene	7.905	164	254924	97.780	ug/L	98
48) 2-Hexanone	8.076	43	642849	164.080	ug/L	98
49) Dibromochloromethane	8.178	129	338616	101.131	ug/L	99
50) 1,2-Dibromoethane	8.281	107	339070	95.795	ug/L	99
51) Chlorobenzene	8.815	112	855072	96.361	ug/L	99
52) Ethylbenzene	8.947	91	1470158	96.875	ug/L	99
53) m,p-Xylene	9.072	106	564415	98.836	ug/L	99
54) o-Xylene	9.481	106	552399	98.985	ug/L	99
55) Styrene	9.497	104	987603	102.378	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.178	83	476620	92.398	ug/L	99
59) Bromoform	9.667	173	256516	99.386	ug/L	100
60) Isopropylbenzene	9.870	105	1522869	95.125	ug/L	100
61) 1,2,3-Trichloropropane	10.211	75	365678	83.612	ug/L	99
62) 1,3,5-Trimethylbenzene	10.477	105	1256763	96.045	ug/L	99
63) 1,2,4-Trimethylbenzene	10.854	105	1227766	95.599	ug/L	99
64) 1,3-Dichlorobenzene	11.117	146	731427	95.926	ug/L	100
65) 1,4-Dichlorobenzene	11.210	146	753263	97.402	ug/L	99
67) 1,2-Dichlorobenzene	11.580	146	737269	98.238	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.365	75	100257	83.620	ug/L	99
69) 1,3,5-Trichlorobenzene	12.583	180	536191	97.135	ug/L	99
70) 1,2,4-trichlorobenzene	13.201	180	488673	95.838	ug/L	99
71) Naphthalene	13.439	128	1384154	84.995	ug/L	100
72) 1,2,3-Trichlorobenzene	13.683	180	506343	98.829	ug/L	99

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

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