

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW042123\
 Data File : VW030779.D
 Acq On : 21 Apr 2023 21:27
 Operator : SY/MD
 Sample : VSTDCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050300

Quant Time: Apr 22 00:50:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM041723WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 22 00:43:23 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	243838	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	242591	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	144019	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	72090	40.330	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.660%
7) Chloroethane-d5	1.536	69	65838	43.952	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.900%
11) 1,1-Dichloroethene-d2	2.066	65	35562	41.951	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.900%
21) 2-Butanone-d5	3.802	46	101090	102.963	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.960%
24) Chloroform-d	4.262	84	148358	45.798	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.600%
26) 1,2-Dichloroethane-d4	4.953	65	100504	48.257	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.520%
32) Benzene-d6	4.969	84	264382	46.095	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.200%
36) 1,2-Dichloropropane-d6	5.998	67	78527	44.076	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.160%
41) Toluene-d8	7.252	98	255928	47.525	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.060%
43) trans-1,3-Dichloroprop...	7.558	79	40554	45.162	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.320%
47) 2-Hexanone-d5	8.034	63	65912	93.913	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.910%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	123440	47.749	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.500%
66) 1,2-Dichlorobenzene-d4	11.567	152	109260	47.730	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.460%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	89487	42.685	ug/L	100
3) Chloromethane	1.217	50	107235	38.994	ug/L	100
5) Vinyl chloride	1.288	62	94099	42.441	ug/L	99
6) Bromomethane	1.494	94	40636	46.221	ug/L	99
8) Chloroethane	1.555	64	65421	43.020	ug/L	98
9) Trichlorofluoromethane	1.719	101	169813	47.257	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.076	101	85323	45.181	ug/L	98
12) 1,1-Dichloroethene	2.076	96	77454	45.364	ug/L	98
13) Acetone	2.130	43	100762	66.323	ug/L	100
14) Carbon disulfide	2.249	76	197313	40.915	ug/L	98
15) Methyl Acetate	2.381	43	93404	46.070	ug/L	96
16) Methylene chloride	2.455	84	89044	45.573	ug/L	98
17) trans-1,2-Dichloroethene	2.703	96	74498	43.221	ug/L	99
18) Methyl tert-butyl Ether	2.712	73	266979	48.358	ug/L	98
19) 1,1-Dichloroethane	3.121	63	156487	44.529	ug/L	97
20) cis-1,2-Dichloroethene	3.825	96	85383	45.538	ug/L	95
22) 2-Butanone	3.883	43	129843	82.702	ug/L	98
23) Bromochloromethane	4.159	128	46770	44.662	ug/L	99
25) Chloroform	4.288	83	169315	46.549	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.053	62	146595	47.611	ug/L	99
29) Cyclohexane	4.596	56	127786	43.895	ug/L	99
30) 1,1,1-Trichloroethane	4.526	97	155472	45.610	ug/L	99
31) Carbon tetrachloride	4.744	117	140171	45.993	ug/L	99
33) Benzene	5.021	78	337940	45.874	ug/L	100
34) Trichloroethene	5.841	95	85390	44.563	ug/L	97
35) Methylcyclohexane	6.059	83	134546	44.812	ug/L	98
37) 1,2-Dichloropropane	6.101	63	86768	43.761	ug/L	98
38) Bromodichloromethane	6.442	83	127401	45.740	ug/L	96
39) cis-1,3-Dichloropropene	6.960	75	130696	43.918	ug/L	98
40) 4-Methyl-2-pentanone	7.165	43	270263	97.577	ug/L	99
42) Toluene	7.323	91	371323	47.060	ug/L	100
44) trans-1,3-Dichloropropene	7.590	75	134778	46.098	ug/L	98
45) 1,1,2-Trichloroethane	7.776	97	89555	45.043	ug/L	99
46) Tetrachloroethene	7.911	164	77294	46.084	ug/L	98
48) 2-Hexanone	8.082	43	207977	91.004	ug/L	98
49) Dibromochloromethane	8.185	129	100069	45.630	ug/L	99
50) 1,2-Dibromoethane	8.288	107	91842	44.581	ug/L	97
51) Chlorobenzene	8.821	112	241753	46.262	ug/L	99
52) Ethylbenzene	8.953	91	409446	46.873	ug/L	100
53) m,p-Xylene	9.082	106	157196	47.642	ug/L	96
54) o-Xylene	9.487	106	155166	48.071	ug/L	97
55) Styrene	9.503	104	274757	48.458	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.185	83	147948	45.322	ug/L	99
59) Bromoform	9.673	173	83950	46.558	ug/L	98
60) Isopropylbenzene	9.876	105	425289	47.350	ug/L	100
61) 1,2,3-Trichloropropane	10.217	75	115417	44.745	ug/L	99
62) 1,3,5-Trimethylbenzene	10.484	105	345028	46.656	ug/L	99
63) 1,2,4-Trimethylbenzene	10.860	105	344423	46.646	ug/L	99
64) 1,3-Dichlorobenzene	11.124	146	211644	47.065	ug/L	99
65) 1,4-Dichlorobenzene	11.217	146	217604	45.890	ug/L	99
67) 1,2-Dichlorobenzene	11.587	146	215027	47.399	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.371	75	34473	45.109	ug/L	98
69) 1,3,5-Trichlorobenzene	12.590	180	157041	46.230	ug/L	99
70) 1,2,4-trichlorobenzene	13.207	180	128125	44.423	ug/L	98
71) Naphthalene	13.448	128	355577	45.068	ug/L	100
72) 1,2,3-Trichlorobenzene	13.689	180	134652	47.082	ug/L	99

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

