

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW080322\
 Data File : VW027187.D
 Acq On : 03 Aug 2022 10:48
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050326

Quant Time: Aug 04 02:54:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080122WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Aug 03 02:00:39 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.606	114	599910	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	592852	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	334130	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	159832	41.110	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.220%
7) Chloroethane-d5	1.558	69	135313	46.509	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.020%
11) 1,1-Dichloroethene-d2	2.101	63	320066	43.232	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.460%
21) 2-Butanone-d5	3.867	46	233069	91.052	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.050%
24) Chloroform-d	4.336	84	358786	45.654	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.300%
26) 1,2-Dichloroethane-d4	5.021	65	202577	45.432	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.860%
32) Benzene-d6	5.037	84	699360	44.580	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.160%
36) 1,2-Dichloropropane-d6	6.060	67	213853	44.067	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.140%
41) Toluene-d8	7.307	98	646927	45.742	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.480%
43) trans-1,3-Dichloroprop...	7.616	79	97277	45.673	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.340%
47) 2-Hexanone-d5	8.082	63	181998	97.141	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.140%
56) 1,1,2,2-Tetrachloroeth...	10.210	84	339122	46.748	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.500%
66) 1,2-Dichlorobenzene-d4	11.622	152	257595	43.867	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.740%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.124	85	276273	48.128	ug/L	98
3) Chloromethane	1.237	50	240834	44.245	ug/L	99
5) Vinyl chloride	1.304	62	261164	46.094	ug/L	100
6) Bromomethane	1.513	94	137630	46.840	ug/L	99
8) Chloroethane	1.577	64	154837	51.005	ug/L	99
9) Trichlorofluoromethane	1.745	101	348235	46.649	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.108	101	209589	48.955	ug/L	99
12) 1,1-Dichloroethene	2.111	96	191482	46.030	ug/L	93
13) Acetone	2.159	43	181737	84.080	ug/L	97
14) Carbon disulfide	2.285	76	566478	45.724	ug/L	100
15) Methyl Acetate	2.420	43	207607	44.149	ug/L	99
16) Methylene chloride	2.497	84	236797	44.908	ug/L	97
17) trans-1,2-Dichloroethene	2.751	96	208200	47.020	ug/L	96
18) Methyl tert-butyl Ether	2.757	73	605967	47.639	ug/L	100
19) 1,1-Dichloroethane	3.179	63	373175	46.024	ug/L	99
20) cis-1,2-Dichloroethene	3.899	96	226116	48.108	ug/L	98
22) 2-Butanone	3.947	43	274801	92.261	ug/L	98
23) Bromochloromethane	4.233	128	126692	47.442	ug/L	98
25) Chloroform	4.362	83	400649	46.931	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.117	62	276910	46.848	ug/L	100
29) Cyclohexane	4.667	56	282916	47.135	ug/L	99
30) 1,1,1-Trichloroethane	4.597	97	348044	46.817	ug/L	98
31) Carbon tetrachloride	4.815	117	306475	47.943	ug/L	100
33) Benzene	5.088	78	874415	48.090	ug/L	100
34) Trichloroethene	5.905	95	221505	47.370	ug/L	97
35) Methylcyclohexane	6.124	83	339294	48.890	ug/L	99
37) 1,2-Dichloropropane	6.166	63	228355	47.838	ug/L	99
38) Bromodichloromethane	6.500	83	299823	47.418	ug/L	100
39) cis-1,3-Dichloropropene	7.021	75	319800	47.756	ug/L	98
40) 4-Methyl-2-pentanone	7.220	43	543530	96.341	ug/L	99
42) Toluene	7.381	91	930945	49.629	ug/L	100
44) trans-1,3-Dichloropropene	7.645	75	316081	49.126	ug/L	99
45) 1,1,2-Trichloroethane	7.831	97	233853	46.603	ug/L	99
46) Tetrachloroethene	7.969	164	175707	49.217	ug/L	98
48) 2-Hexanone	8.133	43	432005	98.487	ug/L	99
49) Dibromochloromethane	8.239	129	253315	48.630	ug/L	100
50) 1,2-Dibromoethane	8.346	107	245445	47.246	ug/L	100
51) Chlorobenzene	8.876	112	615158	47.389	ug/L	98
52) Ethylbenzene	9.008	91	957875	49.827	ug/L	99
53) m,p-Xylene	9.133	106	390919	51.839	ug/L	99
54) o-Xylene	9.538	106	370970	50.254	ug/L	98
55) Styrene	9.555	104	685345	53.418	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.236	83	377204	46.358	ug/L	99
59) Bromoform	9.725	173	176506	45.756	ug/L	99
60) Isopropylbenzene	9.928	105	973214	47.469	ug/L	100
61) 1,2,3-Trichloropropane	10.268	75	295998	42.669	ug/L	99
62) 1,3,5-Trimethylbenzene	10.535	105	407302	45.866	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	331903	46.259	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	486046	48.103	ug/L	98
65) 1,4-Dichlorobenzene	11.268	146	506206	47.490	ug/L	99
67) 1,2-Dichlorobenzene	11.638	146	494727	46.626	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.423	75	78185	42.127	ug/L	98
69) 1,3,5-Trichlorobenzene	12.641	180	353497	49.312	ug/L	100
70) 1,2,4-trichlorobenzene	13.259	180	310887	51.650	ug/L	99
71) Naphthalene	13.500	128	1111793	56.230	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	351393	53.385	ug/L	99

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

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