

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW080522\
 Data File : VW027217.D
 Acq On : 05 Aug 2022 09:38
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050330

Quant Time: Aug 06 03:54:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 05 02:29:34 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	356095	50.000	ug/L	# 0.00
28) Chlorobenzene-d5	8.847	117	362390	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	200780	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	87472	36.030	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	72.060%
7) Chloroethane-d5	1.558	69	68140	38.392	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	76.780%
11) 1,1-Dichloroethene-d2	2.101	63	182050	40.995	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.000%
21) 2-Butanone-d5	3.867	46	195907	90.655	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.650%
24) Chloroform-d	4.336	84	222284	44.698	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.400%
26) 1,2-Dichloroethane-d4	5.021	65	133749	43.318	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.640%
32) Benzene-d6	5.040	84	354496	40.792	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.580%
36) 1,2-Dichloropropane-d6	6.059	67	129893	42.019	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	84.040%
41) Toluene-d8	7.310	98	302639	40.856	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	81.720%
43) trans-1,3-Dichloroprop...	7.616	79	57367	42.575	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.160%
47) 2-Hexanone-d5	8.082	63	130684	87.772	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	87.770%
56) 1,1,2,2-Tetrachloroeth...	10.210	84	225991	44.860	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.720%
66) 1,2-Dichlorobenzene-d4	11.622	152	144745	41.746	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.500%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.124	85	160686	50.725	ug/L	98
3) Chloromethane	1.233	50	171900	47.501	ug/L	98
5) Vinyl chloride	1.304	62	172390	47.818	ug/L	100
6) Bromomethane	1.513	94	78385	46.122	ug/L	99
8) Chloroethane	1.574	64	98141	48.865	ug/L	100
9) Trichlorofluoromethane	1.744	101	233402	50.458	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.108	101	134701	52.515	ug/L	98
12) 1,1-Dichloroethene	2.108	96	119211	48.315	ug/L	84
13) Acetone	2.159	43	218628	131.203	ug/L	86
14) Carbon disulfide	2.285	76	411506	49.003	ug/L	99
15) Methyl Acetate	2.420	43	169637	44.759	ug/L	# 83
16) Methylene chloride	2.497	84	158036	47.950	ug/L	87
17) trans-1,2-Dichloroethene	2.751	96	134804	49.371	ug/L	90
18) Methyl tert-butyl Ether	2.761	73	402829	49.605	ug/L	# 94
19) 1,1-Dichloroethane	3.179	63	269334	49.137	ug/L	98
20) cis-1,2-Dichloroethene	3.899	96	141456	49.871	ug/L	87
22) 2-Butanone	3.950	43	258674	113.230	ug/L	99
23) Bromochloromethane	4.236	128	79259	50.039	ug/L	85
25) Chloroform	4.362	83	279533	50.463	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.117	62	217859	50.498	ug/L	96
29) Cyclohexane	4.667	56	215250	51.575	ug/L	93
30) 1,1,1-Trichloroethane	4.596	97	239532	49.868	ug/L	96
31) Carbon tetrachloride	4.815	117	211587	50.738	ug/L	99
33) Benzene	5.088	78	589702	50.638	ug/L	100
34) Trichloroethene	5.905	95	144047	48.308	ug/L	94
35) Methylcyclohexane	6.124	83	230830	52.645	ug/L	91
37) 1,2-Dichloropropane	6.166	63	158071	48.451	ug/L	99
38) Bromodichloromethane	6.500	83	204329	47.799	ug/L	98
39) cis-1,3-Dichloropropene	7.021	75	208978	48.357	ug/L	99
40) 4-Methyl-2-pentanone	7.220	43	447457	96.139	ug/L #	91
42) Toluene	7.381	91	616463	52.064	ug/L	98
44) trans-1,3-Dichloropropene	7.645	75	214796	50.577	ug/L	99
45) 1,1,2-Trichloroethane	7.831	97	150878	47.982	ug/L	97
46) Tetrachloroethene	7.969	164	109948	50.378	ug/L	98
48) 2-Hexanone	8.133	43	379595	102.404	ug/L #	90
49) Dibromochloromethane	8.239	129	162477	48.881	ug/L	100
50) 1,2-Dibromoethane	8.346	107	154861	47.863	ug/L	99
51) Chlorobenzene	8.876	112	385601	48.552	ug/L	97
52) Ethylbenzene	9.008	91	625547	51.200	ug/L	99
53) m,p-Xylene	9.133	106	248953	53.916	ug/L	94
54) o-Xylene	9.538	106	232326	51.645	ug/L	94
55) Styrene	9.558	104	442440	55.832	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.236	83	249664	47.395	ug/L	100
59) Bromoform	9.728	173	105479	44.217	ug/L	99
60) Isopropylbenzene	9.927	105	611268	48.310	ug/L	98
61) 1,2,3-Trichloropropane	10.268	75	201697	43.757	ug/L	96
62) 1,3,5-Trimethylbenzene	10.535	105	511043	48.907	ug/L	100
63) 1,2,4-Trimethylbenzene	10.911	105	516972	50.503	ug/L	98
64) 1,3-Dichlorobenzene	11.178	146	298109	48.611	ug/L	100
65) 1,4-Dichlorobenzene	11.268	146	306586	47.504	ug/L	99
67) 1,2-Dichlorobenzene	11.638	146	300478	46.764	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.423	75	53220	41.154	ug/L	87
69) 1,3,5-Trichlorobenzene	12.641	180	199413	48.414	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	162240	47.425	ug/L	99
71) Naphthalene	13.500	128	510060	43.543	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	185244	48.854	ug/L	99

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

