

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW110322\
 Data File : VV028846.D
 Acq On : 03 Nov 2022 11:32
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050370

Quant Time: Nov 04 04:38:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM103122WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Nov 02 05:10:28 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.606	114	425354	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	400228	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	203792	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	144031	35.720	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	71.440%
7) Chloroethane-d5	1.561	69	129739	37.638	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	75.280%
11) 1,1-Dichloroethene-d2	2.105	63	305255	39.797	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.600%
21) 2-Butanone-d5	3.863	46	272498	92.837	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.840%
24) Chloroform-d	4.336	84	258798	42.555	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.100%
26) 1,2-Dichloroethane-d4	5.021	65	170092	42.290	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.580%
32) Benzene-d6	5.040	84	491209	39.315	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	78.620%
36) 1,2-Dichloropropane-d6	6.059	67	178479	41.609	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	83.220%
41) Toluene-d8	7.307	98	426464	38.827	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	77.660%#
43) trans-1,3-Dichloroprop...	7.612	79	69890	42.423	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.840%
47) 2-Hexanone-d5	8.079	63	172829	89.159	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.160%
56) 1,1,2,2-Tetrachloroeth...	10.207	84	249814	44.166	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.340%
66) 1,2-Dichlorobenzene-d4	11.612	152	163887	40.741	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	81.480%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	142723	45.625	ug/L	98
3) Chloromethane	1.240	50	238466	45.805	ug/L	100
5) Vinyl chloride	1.310	62	230508	48.202	ug/L	100
6) Bromomethane	1.516	94	124982	47.366	ug/L	96
8) Chloroethane	1.580	64	143428	46.706	ug/L	100
9) Trichlorofluoromethane	1.748	101	272862	47.980	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	159617	49.537	ug/L	99
12) 1,1-Dichloroethene	2.114	96	149812	47.222	ug/L	87
13) Acetone	2.156	43	307968	108.365	ug/L	99
14) Carbon disulfide	2.288	76	396228	44.775	ug/L	99
15) Methyl Acetate	2.420	43	217135	45.522	ug/L	100
16) Methylene chloride	2.500	84	165641	43.032	ug/L	99
17) trans-1,2-Dichloroethene	2.751	96	143140	46.645	ug/L	95
18) Methyl tert-butyl Ether	2.757	73	493147	46.521	ug/L	99
19) 1,1-Dichloroethane	3.178	63	309928	46.352	ug/L	100
20) cis-1,2-Dichloroethene	3.899	96	157892	46.633	ug/L #	98
22) 2-Butanone	3.947	43	330683	94.715	ug/L	94
23) Bromochloromethane	4.233	128	76099	47.221	ug/L	99
25) Chloroform	4.362	83	289252	46.570	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.117	62	243302	47.966	ug/L	99
29) Cyclohexane	4.667	56	297526	46.589	ug/L	98
30) 1,1,1-Trichloroethane	4.596	97	234276	46.439	ug/L	99
31) Carbon tetrachloride	4.818	117	190348	47.225	ug/L	100
33) Benzene	5.088	78	656459	46.590	ug/L	100
34) Trichloroethene	5.905	95	152088	46.156	ug/L	99
35) Methylcyclohexane	6.124	83	278102	47.586	ug/L	99
37) 1,2-Dichloropropane	6.162	63	187430	48.078	ug/L	100
38) Bromodichloromethane	6.500	83	209138	47.221	ug/L	98
39) cis-1,3-Dichloropropene	7.018	75	255144	47.922	ug/L	99
40) 4-Methyl-2-pentanone	7.217	43	594189	91.646	ug/L	99
42) Toluene	7.378	91	673014	46.846	ug/L	98
44) trans-1,3-Dichloropropene	7.641	75	237511	48.242	ug/L	99
45) 1,1,2-Trichloroethane	7.828	97	153235	45.816	ug/L	97
46) Tetrachloroethene	7.966	164	106072	46.447	ug/L	98
48) 2-Hexanone	8.130	43	459866	93.130	ug/L	98
49) Dibromochloromethane	8.236	129	146200	47.222	ug/L	98
50) 1,2-Dibromoethane	8.342	107	157381	46.702	ug/L	98
51) Chlorobenzene	8.873	112	408144	46.395	ug/L	99
52) Ethylbenzene	9.005	91	736393	47.648	ug/L	100
53) m,p-Xylene	9.130	106	269034	47.728	ug/L	99
54) o-Xylene	9.535	106	266886	47.425	ug/L	98
55) Styrene	9.551	104	471045	48.810	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.230	83	273682	46.363	ug/L	99
59) Bromoform	9.722	173	94513	46.721	ug/L	99
60) Isopropylbenzene	9.921	105	715477	46.205	ug/L	99
61) 1,2,3-Trichloropropane	10.265	75	212279	43.838	ug/L	100
62) 1,3,5-Trimethylbenzene	10.529	105	602711	46.622	ug/L	100
63) 1,2,4-Trimethylbenzene	10.905	105	598369	46.527	ug/L	99
64) 1,3-Dichlorobenzene	11.172	146	305037	46.696	ug/L	99
65) 1,4-Dichlorobenzene	11.262	146	307520	46.203	ug/L	99
67) 1,2-Dichlorobenzene	11.632	146	307040	46.204	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.416	75	52025	42.171	ug/L	98
69) 1,3,5-Trichlorobenzene	12.635	180	217447	46.420	ug/L	99
70) 1,2,4-trichlorobenzene	13.249	180	185707	46.326	ug/L	100
71) Naphthalene	13.490	128	573444	43.936	ug/L	99
72) 1,2,3-Trichlorobenzene	13.731	180	187477	46.205	ug/L	98

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

