

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW101221\
 Data File : VW022744.D
 Acq On : 12 Oct 2021 11:05
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050360

Quant Time: Oct 13 01:12:44 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Oct 04 04:27:20 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	227601	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	220305	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	126047	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	61402	43.621	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.240%
7) Chloroethane-d5	1.568	69	49087	44.363	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.720%
11) 1,1-Dichloroethene-d2	2.108	63	126833	45.697	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.400%
21) 2-Butanone-d5	3.886	46	83150	107.315	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.310%
24) Chloroform-d	4.346	84	116511	45.304	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.600%
26) 1,2-Dichloroethane-d4	5.027	65	67963	45.556	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.120%
32) Benzene-d6	5.047	84	214976	42.121	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.240%
36) 1,2-Dichloropropane-d6	6.066	67	67643	43.052	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	86.100%
41) Toluene-d8	7.313	98	205538	43.904	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.800%
43) trans-1,3-Dichloroprop...	7.619	79	32742	44.045	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.100%
47) 2-Hexanone-d5	8.088	63	52580	80.784	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	80.780%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	93651	42.865	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.720%
66) 1,2-Dichlorobenzene-d4	11.625	152	88105	42.863	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.720%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	94151	41.363	ug/L	100
3) Chloromethane	1.240	50	99548	43.980	ug/L	100
5) Vinyl chloride	1.310	62	100651	46.912	ug/L	100
6) Bromomethane	1.523	94	67587	45.118	ug/L	99
8) Chloroethane	1.584	64	62458	47.732	ug/L	100
9) Trichlorofluoromethane	1.751	101	149769	50.824	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	92795	55.629	ug/L	99
12) 1,1-Dichloroethene	2.117	96	83841	52.734	ug/L	87
13) Acetone	2.175	43	130433	133.263	ug/L #	39
14) Carbon disulfide	2.291	76	226305	47.121	ug/L	100
15) Methyl Acetate	2.429	43	100620	56.354	ug/L	99
16) Methylene chloride	2.503	84	98946	49.534	ug/L	99
17) trans-1,2-Dichloroethene	2.757	96	88747	50.850	ug/L	99
18) Methyl tert-butyl Ether	2.764	73	279947	51.956	ug/L	99
19) 1,1-Dichloroethane	3.185	63	160664	52.027	ug/L	97
20) cis-1,2-Dichloroethene	3.905	96	94924	51.053	ug/L	99
22) 2-Butanone	3.963	43	147736	114.635	ug/L	89
23) Bromochloromethane	4.243	128	54674	53.524	ug/L	94
25) Chloroform	4.368	83	167156	53.791	ug/L	100

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

27) 1,2-Dichloroethane	5.127	62	121284	53.900	ug/L	97
29) Cyclohexane	4.674	56	129786	50.543	ug/L	100
30) 1,1,1-Trichloroethane	4.603	97	146417	53.203	ug/L	99
31) Carbon tetrachloride	4.821	117	129152	53.420	ug/L	100
33) Benzene	5.095	78	349642	51.401	ug/L	100
34) Trichloroethene	5.908	95	97784	55.056	ug/L	98
35) Methylcyclohexane	6.127	83	140996	52.355	ug/L	97
37) 1,2-Dichloropropane	6.169	63	92004	52.827	ug/L #	93
38) Bromodichloromethane	6.506	83	122233	54.031	ug/L	97
39) cis-1,3-Dichloropropene	7.024	75	136726	52.201	ug/L	96
40) 4-Methyl-2-pentanone	7.223	43	248378	101.498	ug/L	99
42) Toluene	7.384	91	385565	53.809	ug/L	99
44) trans-1,3-Dichloropropene	7.648	75	133710	53.022	ug/L	97
45) 1,1,2-Trichloroethane	7.834	97	94525	52.431	ug/L	98
46) Tetrachloroethene	7.976	164	78601	52.864	ug/L	99
48) 2-Hexanone	8.136	43	196494	104.985	ug/L	99
49) Dibromochloromethane	8.246	129	106777	54.730	ug/L	98
50) 1,2-Dibromoethane	8.349	107	101402	52.241	ug/L	97
51) Chlorobenzene	8.879	112	251756	52.822	ug/L	98
52) Ethylbenzene	9.011	91	406944	54.568	ug/L	99
53) m,p-Xylene	9.136	106	160763	54.410	ug/L	97
54) o-Xylene	9.542	106	157250	54.626	ug/L	100
55) Styrene	9.558	104	276479	55.966	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.239	83	136222	48.888	ug/L	99
59) Bromoform	9.731	173	78965	50.664	ug/L	99
60) Isopropylbenzene	9.931	105	415192	51.772	ug/L	100
61) 1,2,3-Trichloropropane	10.271	75	115139	48.032	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	342813	50.769	ug/L	99
63) 1,2,4-Trimethylbenzene	10.914	105	352649	52.535	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	212300	52.180	ug/L	100
65) 1,4-Dichlorobenzene	11.271	146	218061	51.606	ug/L	100
67) 1,2-Dichlorobenzene	11.641	146	213971	51.461	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.429	75	27722	42.210	ug/L	98
69) 1,3,5-Trichlorobenzene	12.644	180	158530	52.440	ug/L	98
70) 1,2,4-trichlorobenzene	13.262	180	136804	50.324	ug/L	99
71) Naphthalene	13.503	128	423348	47.293	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	144499	51.428	ug/L	99

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

