

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW110321\
 Data File : VW023194.D
 Acq On : 03 Nov 2021 18:08
 Operator : SY/MD
 Sample : VSTDCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050368

Quant Time: Nov 04 08:39:15 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM102821WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 30 00:25:16 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	261852	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	258488	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	151435	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	68925	38.194	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	76.380%
7) Chloroethane-d5	1.568	69	55569	39.480	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	78.960%
11) 1,1-Dichloroethene-d2	2.111	63	144790	42.356	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.720%
21) 2-Butanone-d5	3.880	46	140387	103.834	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.830%
24) Chloroform-d	4.349	84	180081	47.462	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.920%
26) 1,2-Dichloroethane-d4	5.034	65	112003	49.873	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.740%
32) Benzene-d6	5.050	84	335564	47.390	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.780%
36) 1,2-Dichloropropane-d6	6.069	67	105883	46.973	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.940%
41) Toluene-d8	7.317	98	319682	49.484	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.960%
43) trans-1,3-Dichloroprop...	7.622	79	52808	48.878	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.760%
47) 2-Hexanone-d5	8.088	63	104847	107.092	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	107.090%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	162464	49.313	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.620%
66) 1,2-Dichlorobenzene-d4	11.625	152	137835	47.186	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.380%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	115934	46.574	ug/L	100
3) Chloromethane	1.240	50	104227	44.393	ug/L	98
5) Vinyl chloride	1.310	62	105694	45.051	ug/L	100
6) Bromomethane	1.523	94	65052	49.357	ug/L	99
8) Chloroethane	1.584	64	60635	42.452	ug/L	94
9) Trichlorofluoromethane	1.754	101	166012	46.626	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	82734	43.770	ug/L	98
12) 1,1-Dichloroethene	2.118	96	79754	45.471	ug/L	92
13) Acetone	2.172	43	111295	83.048	ug/L #	75
14) Carbon disulfide	2.294	76	247702	47.224	ug/L	100
15) Methyl Acetate	2.429	43	103744	46.640	ug/L	98
16) Methylene chloride	2.507	84	107348	47.776	ug/L	99
17) trans-1,2-Dichloroethene	2.761	96	100125	50.020	ug/L	98
18) Methyl tert-butyl Ether	2.767	73	306156	50.930	ug/L	99
19) 1,1-Dichloroethane	3.191	63	179514	48.134	ug/L	97
20) cis-1,2-Dichloroethene	3.912	96	107157	50.081	ug/L	96
22) 2-Butanone	3.963	43	154716	101.292	ug/L	97
23) Bromochloromethane	4.249	128	59912	49.686	ug/L	93
25) Chloroform	4.378	83	187968	49.009	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	141258	49.066	ug/L	100
29) Cyclohexane	4.680	56	147885	49.013	ug/L	99
30) 1,1,1-Trichloroethane	4.609	97	173377	50.335	ug/L	98
31) Carbon tetrachloride	4.828	117	153307	49.519	ug/L	99
33) Benzene	5.101	78	404777	50.267	ug/L	100
34) Trichloroethene	5.915	95	104291	49.564	ug/L	98
35) Methylcyclohexane	6.133	83	161043	49.113	ug/L	98
37) 1,2-Dichloropropane	6.175	63	103008	48.676	ug/L	99
38) Bromodichloromethane	6.510	83	142867	49.879	ug/L	96
39) cis-1,3-Dichloropropene	7.027	75	161849	50.428	ug/L	98
40) 4-Methyl-2-pentanone	7.227	43	288139	105.568	ug/L	100
42) Toluene	7.387	91	444890	51.622	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	158990	51.095	ug/L	97
45) 1,1,2-Trichloroethane	7.838	97	105464	48.808	ug/L	99
46) Tetrachloroethene	7.976	164	88536	48.804	ug/L	97
48) 2-Hexanone	8.140	43	227592	105.022	ug/L	98
49) Dibromochloromethane	8.246	129	124061	50.246	ug/L	98
50) 1,2-Dibromoethane	8.352	107	113615	49.920	ug/L	100
51) Chlorobenzene	8.883	112	287444	49.376	ug/L	99
52) Ethylbenzene	9.011	91	475375	51.842	ug/L	99
53) m,p-Xylene	9.140	106	186116	52.654	ug/L	96
54) o-Xylene	9.545	106	180593	52.492	ug/L	96
55) Styrene	9.561	104	323389	54.082	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	168283	48.835	ug/L	100
59) Bromoform	9.731	173	93020	48.561	ug/L	100
60) Isopropylbenzene	9.931	105	481928	49.814	ug/L	100
61) 1,2,3-Trichloropropane	10.272	75	133908	47.182	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	406836	51.059	ug/L	99
63) 1,2,4-Trimethylbenzene	10.915	105	414637	51.836	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	243257	49.738	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	249174	48.914	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	241170	48.767	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.429	75	38375	48.446	ug/L	99
69) 1,3,5-Trichlorobenzene	12.644	180	180746	48.860	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	162257	50.610	ug/L	99
71) Naphthalene	13.503	128	535268	52.001	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	171798	50.694	ug/L	98

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

