

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102921\
 Data File : VW023105.D
 Acq On : 29 Oct 2021 15:11
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050366

Quant Time: Oct 30 00:29:25 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	5.619	114	283857	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	276476	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	158733	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	84611	43.252	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.500%
7) Chloroethane-d5	1.565	69	67137	44.001	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.000%
11) 1,1-Dichloroethene-d2	2.111	63	168711	45.528	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.060%
21) 2-Butanone-d5	3.880	46	156555	106.816	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.820%
24) Chloroform-d	4.349	84	199382	48.475	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.960%
26) 1,2-Dichloroethane-d4	5.034	65	119572	49.116	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.240%
32) Benzene-d6	5.050	84	375792	49.618	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.240%
36) 1,2-Dichloropropane-d6	6.069	67	118653	49.214	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.420%
41) Toluene-d8	7.317	98	349822	50.627	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.260%
43) trans-1,3-Dichloroprop...	7.622	79	59095	51.139	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	102.280%
47) 2-Hexanone-d5	8.088	63	114358	109.207	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	109.210%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	179232	50.863	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.720%
66) 1,2-Dichlorobenzene-d4	11.625	152	150248	49.071	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.140%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	130616	48.404	ug/L	99
3) Chloromethane	1.240	50	116674	45.842	ug/L	99
5) Vinyl chloride	1.311	62	118632	46.646	ug/L	98
6) Bromomethane	1.520	94	68643	48.044	ug/L	99
8) Chloroethane	1.584	64	69185	44.683	ug/L	96
9) Trichlorofluoromethane	1.751	101	181021	46.901	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	94189	45.967	ug/L	99
12) 1,1-Dichloroethene	2.118	96	87154	45.838	ug/L	90
13) Acetone	2.169	43	135980	93.602	ug/L #	75
14) Carbon disulfide	2.294	76	273430	48.088	ug/L	100
15) Methyl Acetate	2.429	43	119794	49.680	ug/L	100
16) Methylene chloride	2.507	84	116771	47.941	ug/L	99
17) trans-1,2-Dichloroethene	2.761	96	106062	48.879	ug/L	99
18) Methyl tert-butyl Ether	2.767	73	327846	50.310	ug/L	99
19) 1,1-Dichloroethane	3.192	63	195981	48.476	ug/L	99
20) cis-1,2-Dichloroethene	3.912	96	116911	50.404	ug/L	100
22) 2-Butanone	3.963	43	179226	108.242	ug/L	98
23) Bromochloromethane	4.249	128	65295	49.952	ug/L	96
25) Chloroform	4.375	83	204743	49.245	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	153372	49.144	ug/L	100
29) Cyclohexane	4.680	56	164218	50.885	ug/L	99
30) 1,1,1-Trichloroethane	4.609	97	181095	49.155	ug/L	100
31) Carbon tetrachloride	4.828	117	163355	49.331	ug/L	99
33) Benzene	5.101	78	440274	51.118	ug/L	100
34) Trichloroethene	5.915	95	111343	49.473	ug/L	98
35) Methylcyclohexane	6.130	83	176338	50.278	ug/L	98
37) 1,2-Dichloropropane	6.175	63	113626	50.200	ug/L	99
38) Bromodichloromethane	6.510	83	151322	49.394	ug/L	99
39) cis-1,3-Dichloropropene	7.027	75	175868	51.231	ug/L	100
40) 4-Methyl-2-pentanone	7.227	43	318899	109.236	ug/L	100
42) Toluene	7.387	91	477593	51.811	ug/L	100
44) trans-1,3-Dichloropropene	7.651	75	170443	51.212	ug/L	96
45) 1,1,2-Trichloroethane	7.838	97	114820	49.680	ug/L	99
46) Tetrachloroethene	7.976	164	92844	47.849	ug/L	97
48) 2-Hexanone	8.140	43	259587	111.993	ug/L	99
49) Dibromochloromethane	8.246	129	132332	50.109	ug/L	97
50) 1,2-Dibromoethane	8.352	107	122327	50.250	ug/L	98
51) Chlorobenzene	8.883	112	309135	49.647	ug/L	99
52) Ethylbenzene	9.011	91	503406	51.327	ug/L	99
53) m,p-Xylene	9.140	106	198424	52.484	ug/L	97
54) o-Xylene	9.545	106	192690	52.365	ug/L	97
55) Styrene	9.561	104	347831	54.385	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.243	83	185494	50.327	ug/L	99
59) Bromoform	9.731	173	98960	49.287	ug/L	99
60) Isopropylbenzene	9.934	105	511179	50.408	ug/L	99
61) 1,2,3-Trichloropropane	10.272	75	147368	49.537	ug/L	100
62) 1,3,5-Trimethylbenzene	10.538	105	427200	51.150	ug/L	98
63) 1,2,4-Trimethylbenzene	10.915	105	440153	52.496	ug/L	99
64) 1,3-Dichlorobenzene	11.182	146	255749	49.887	ug/L	100
65) 1,4-Dichlorobenzene	11.272	146	257598	48.242	ug/L	100
67) 1,2-Dichlorobenzene	11.645	146	256196	49.423	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	41441	49.911	ug/L	99
69) 1,3,5-Trichlorobenzene	12.645	180	191754	49.452	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	169212	50.352	ug/L	99
71) Naphthalene	13.503	128	585279	54.245	ug/L	100
72) 1,2,3-Trichlorobenzene	13.744	180	184875	52.045	ug/L	98

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

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