

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW120723\
 Data File : VW033158.D
 Acq On : 07 Dec 2023 19:41
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050351

Quant Time: Dec 08 01:42:15 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120123WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 08 01:34:57 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	307518	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	304849	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	185472	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	63947	34.785	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	69.580%
7) Chloroethane-d5	1.529	69	51615	40.296	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	80.600%
11) 1,1-Dichloroethene-d2	2.060	65	27086	38.730	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.460%
21) 2-Butanone-d5	3.780	46	99557	109.036	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	109.040%
24) Chloroform-d	4.249	84	176761	45.308	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.620%
26) 1,2-Dichloroethane-d4	4.941	65	112318	46.306	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.620%
32) Benzene-d6	4.960	84	309073	43.350	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.700%
36) 1,2-Dichloropropane-d6	5.989	67	86381	45.060	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.120%
41) Toluene-d8	7.243	98	298410	43.875	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.760%
43) trans-1,3-Dichloroprop...	7.551	79	53393	44.046	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.100%
47) 2-Hexanone-d5	8.021	63	83938	108.992	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	108.990%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	144463	53.012	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	106.020%
66) 1,2-Dichlorobenzene-d4	11.561	152	154625	46.856	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.720%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	168295	50.067	ug/L	100
3) Chloromethane	1.214	50	113281	51.097	ug/L	99
5) Vinyl chloride	1.285	62	111336	52.364	ug/L	94
6) Bromomethane	1.484	94	73791	53.187	ug/L	100
8) Chloroethane	1.548	64	58758	51.907	ug/L	99
9) Trichlorofluoromethane	1.712	101	190426	54.276	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	90169	54.730	ug/L	99
12) 1,1-Dichloroethene	2.069	96	83618	54.237	ug/L	95
13) Acetone	2.108	43	72757	83.469	ug/L	100
14) Carbon disulfide	2.243	76	268534	48.547	ug/L	100
15) Methyl Acetate	2.368	43	72087	49.619	ug/L	95
16) Methylene chloride	2.446	84	102631	50.272	ug/L	97
17) trans-1,2-Dichloroethene	2.693	96	105785	52.259	ug/L	93
18) Methyl tert-butyl Ether	2.700	73	328033	53.345	ug/L	99
19) 1,1-Dichloroethane	3.111	63	173091	51.664	ug/L	98
20) cis-1,2-Dichloroethene	3.812	96	118164	55.015	ug/L	99
22) 2-Butanone	3.860	43	104493	94.198	ug/L	96
23) Bromochloromethane	4.146	128	63861	51.781	ug/L	96
25) Chloroform	4.275	83	203730	52.874	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.040	62	159950	52.532	ug/L	99
29) Cyclohexane	4.584	56	142748	50.697	ug/L	98
30) 1,1,1-Trichloroethane	4.510	97	202525	53.756	ug/L	99
31) Carbon tetrachloride	4.735	117	191570	54.686	ug/L	98
33) Benzene	5.008	78	414349	53.637	ug/L	100
34) Trichloroethene	5.831	95	119317	51.699	ug/L	97
35) Methylcyclohexane	6.050	83	174887	52.212	ug/L	98
37) 1,2-Dichloropropane	6.092	63	93111	52.080	ug/L	99
38) Bromodichloromethane	6.432	83	151823	52.675	ug/L	100
39) cis-1,3-Dichloropropene	6.953	75	172886	53.292	ug/L	100
40) 4-Methyl-2-pentanone	7.156	43	207512	109.317	ug/L	99
42) Toluene	7.313	91	472630	54.293	ug/L	100
44) trans-1,3-Dichloropropene	7.580	75	174741	53.268	ug/L	100
45) 1,1,2-Trichloroethane	7.767	97	108431	52.307	ug/L	99
46) Tetrachloroethene	7.905	164	107448	54.158	ug/L	98
48) 2-Hexanone	8.072	43	160731	102.126	ug/L	99
49) Dibromochloromethane	8.175	129	133066	53.772	ug/L	99
50) 1,2-Dibromoethane	8.281	107	118414	53.580	ug/L	97
51) Chlorobenzene	8.815	112	323846	52.902	ug/L	99
52) Ethylbenzene	8.947	91	540327	53.925	ug/L	99
53) m,p-Xylene	9.072	106	215152	54.221	ug/L	94
54) o-Xylene	9.477	106	212555	54.284	ug/L	99
55) Styrene	9.497	104	375131	55.381	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.178	83	153260	54.113	ug/L	99
59) Bromoform	9.664	173	110652	54.969	ug/L	100
60) Isopropylbenzene	9.866	105	585173	54.719	ug/L	99
61) 1,2,3-Trichloropropane	10.207	75	124613	53.882	ug/L	98
62) 1,3,5-Trimethylbenzene	10.477	105	471250	54.694	ug/L	99
63) 1,2,4-Trimethylbenzene	10.850	105	495927	55.267	ug/L	99
64) 1,3-Dichlorobenzene	11.117	146	302704	52.982	ug/L	99
65) 1,4-Dichlorobenzene	11.210	146	309674	52.179	ug/L	100
67) 1,2-Dichlorobenzene	11.580	146	296718	52.975	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.365	75	38858	54.758	ug/L	100
69) 1,3,5-Trichlorobenzene	12.583	180	230245	50.311	ug/L	99
70) 1,2,4-trichlorobenzene	13.197	180	220134	52.065	ug/L	99
71) Naphthalene	13.439	128	582695	56.511	ug/L	99
72) 1,2,3-Trichlorobenzene	13.680	180	219827	53.882	ug/L	97

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

