

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121922\
 Data File : VW029735.D
 Acq On : 19 Dec 2022 20:31
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050392

Quant Time: Dec 20 00:55:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120722WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 20 00:50:16 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	409488	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	375474	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.236	152	205151	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	129377	51.595	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	= 103.200%	
7) Chloroethane-d5	1.561	69	110889	57.994	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	= 115.980%	
11) 1,1-Dichloroethene-d2	2.105	63	217582	55.632	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 111.260%	
21) 2-Butanone-d5	3.873	46	195406	127.745	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	= 127.740%	
24) Chloroform-d	4.339	84	247946	52.545	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 105.100%	
26) 1,2-Dichloroethane-d4	5.024	65	146864	54.495	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 108.980%	
32) Benzene-d6	5.043	84	496921	50.086	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 100.180%	
36) 1,2-Dichloropropane-d6	6.063	67	159971	52.787	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	= 105.580%	
41) Toluene-d8	7.307	98	439723	47.039	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 94.080%	
43) trans-1,3-Dichloroprop...	7.612	79	56572	36.968	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 73.940%	
47) 2-Hexanone-d5	8.082	63	160405	123.952	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	= 123.950%	
56) 1,1,2,2-Tetrachloroeth...	10.204	84	240730	55.589	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	= 111.180%	
66) 1,2-Dichlorobenzene-d4	11.612	152	175136	44.846	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 89.700%	
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.127	85	131207	40.679	ug/L	99
3) Chloromethane	1.240	50	178059	48.419	ug/L	99
5) Vinyl chloride	1.307	62	160372	52.122	ug/L	99
6) Bromomethane	1.516	94	81427	65.771	ug/L	100
8) Chloroethane	1.581	64	103930	60.661	ug/L	99
9) Trichlorofluoromethane	1.751	101	188761	49.007	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	104188	48.680	ug/L	97
12) 1,1-Dichloroethene	2.114	96	113778	51.982	ug/L	87
13) Acetone	2.163	43	135588	136.065	ug/L	99
14) Carbon disulfide	2.291	76	302259	41.493	ug/L	100
15) Methyl Acetate	2.423	43	160232	70.576	ug/L	95
16) Methylene chloride	2.500	84	160351	58.920	ug/L	94
17) trans-1,2-Dichloroethene	2.754	96	125347	49.701	ug/L	97
18) Methyl tert-butyl Ether	2.764	73	472122	61.100	ug/L	98
19) 1,1-Dichloroethane	3.182	63	250465	57.970	ug/L	99
20) cis-1,2-Dichloroethene	3.902	96	149348	53.853	ug/L	94
22) 2-Butanone	3.953	43	213080	134.384	ug/L	98
23) Bromochloromethane	4.240	128	81566	57.118	ug/L	89
25) Chloroform	4.365	83	253480	56.591	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.121	62	190697	60.268	ug/L	99
29) Cyclohexane	4.670	56	174123	42.809	ug/L	96
30) 1,1,1-Trichloroethane	4.600	97	202821	49.580	ug/L	98
31) Carbon tetrachloride	4.822	117	164186	45.961	ug/L	100
33) Benzene	5.092	78	559041	52.822	ug/L	100
34) Trichloroethene	5.908	95	129129	48.690	ug/L	98
35) Methylcyclohexane	6.124	83	176683	39.225	ug/L	98
37) 1,2-Dichloropropane	6.166	63	151313	59.235	ug/L	99
38) Bromodichloromethane	6.500	83	190980	54.158	ug/L	100
39) cis-1,3-Dichloropropene	7.018	75	163299	38.871	ug/L	98
40) 4-Methyl-2-pentanone	7.220	43	436372	143.277	ug/L	96
42) Toluene	7.381	91	560780	49.228	ug/L	100
44) trans-1,3-Dichloropropene	7.641	75	158993	39.963	ug/L	100
45) 1,1,2-Trichloroethane	7.828	97	155884	59.069	ug/L	99
46) Tetrachloroethene	7.966	164	97029	45.506	ug/L	97
48) 2-Hexanone	8.133	43	344710	148.143	ug/L	95
49) Dibromochloromethane	8.236	129	159218	54.646	ug/L	100
50) 1,2-Dibromoethane	8.342	107	152900	56.237	ug/L	99
51) Chlorobenzene	8.873	112	363418	50.381	ug/L	99
52) Ethylbenzene	9.005	91	572340	47.789	ug/L	99
53) m,p-Xylene	9.130	106	225694	47.614	ug/L	98
54) o-Xylene	9.535	106	225923	48.184	ug/L	100
55) Styrene	9.551	104	416652	51.134	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.230	83	253287	60.000	ug/L	97
59) Bromoform	9.722	173	120660	53.243	ug/L	98
60) Isopropylbenzene	9.921	105	577097	47.913	ug/L	100
61) 1,2,3-Trichloropropane	10.262	75	194293	61.356	ug/L	99
62) 1,3,5-Trimethylbenzene	10.529	105	480843	45.151	ug/L	100
63) 1,2,4-Trimethylbenzene	10.902	105	478706	45.346	ug/L	99
64) 1,3-Dichlorobenzene	11.169	146	278460	47.283	ug/L	99
65) 1,4-Dichlorobenzene	11.262	146	281573	47.045	ug/L	100
67) 1,2-Dichlorobenzene	11.632	146	296828	49.288	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.413	75	54599	55.475	ug/L	99
69) 1,3,5-Trichlorobenzene	12.632	180	203759	43.476	ug/L	99
70) 1,2,4-trichlorobenzene	13.249	180	184077	44.168	ug/L	99
71) Naphthalene	13.490	128	515732	54.556	ug/L	99
72) 1,2,3-Trichlorobenzene	13.731	180	195806	47.967	ug/L	99

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

