

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW120722\
 Data File : VW029458.D
 Acq On : 08 Dec 2022 07:41
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050375

Quant Time: Dec 08 08:00:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120722WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Dec 08 01:48:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	536140	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	492470	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	263862	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	142324	43.351	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.700%
7) Chloroethane-d5	1.561	69	115198	46.016	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.040%
11) 1,1-Dichloroethene-d2	2.105	63	248094	48.449	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.900%
21) 2-Butanone-d5	3.867	46	216670	108.185	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	108.180%
24) Chloroform-d	4.339	84	295192	47.780	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.560%
26) 1,2-Dichloroethane-d4	5.024	65	169806	48.123	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.240%
32) Benzene-d6	5.043	84	615205	47.277	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.560%
36) 1,2-Dichloropropane-d6	6.063	67	185963	46.786	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.580%
41) Toluene-d8	7.307	98	576324	47.005	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.020%
43) trans-1,3-Dichloroprop...	7.612	79	88186	43.937	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.880%
47) 2-Hexanone-d5	8.082	63	177868	104.793	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.790%
56) 1,1,2,2-Tetrachloroeth...	10.207	84	262094	46.144	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.280%
66) 1,2-Dichlorobenzene-d4	11.612	152	230865	45.962	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.920%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	209177	49.532	ug/L	100
3) Chloromethane	1.240	50	219070	45.498	ug/L	100
5) Vinyl chloride	1.307	62	200296	49.720	ug/L	98
6) Bromomethane	1.513	94	100439	61.963	ug/L	99
8) Chloroethane	1.581	64	117068	52.188	ug/L	99
9) Trichlorofluoromethane	1.751	101	256322	50.827	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	142917	51.001	ug/L	99
12) 1,1-Dichloroethene	2.114	96	149458	52.152	ug/L	99
13) Acetone	2.156	43	126016	96.586	ug/L	99
14) Carbon disulfide	2.291	76	478731	50.194	ug/L	99
15) Methyl Acetate	2.423	43	170330	57.301	ug/L	98
16) Methylene chloride	2.500	84	185834	52.153	ug/L	97
17) trans-1,2-Dichloroethene	2.754	96	170812	51.729	ug/L	96
18) Methyl tert-butyl Ether	2.761	73	535528	52.934	ug/L	99
19) 1,1-Dichloroethane	3.182	63	299072	52.869	ug/L	99
20) cis-1,2-Dichloroethene	3.902	96	190301	52.410	ug/L	96
22) 2-Butanone	3.950	43	236240	113.795	ug/L	96
23) Bromochloromethane	4.240	128	97448	52.119	ug/L	94
25) Chloroform	4.365	83	310866	53.007	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.121	62	218622	52.772	ug/L	100
29) Cyclohexane	4.670	56	279080	52.313	ug/L	97
30) 1,1,1-Trichloroethane	4.600	97	275202	51.292	ug/L	98
31) Carbon tetrachloride	4.818	117	231223	49.350	ug/L	99
33) Benzene	5.092	78	726946	52.369	ug/L	100
34) Trichloroethene	5.905	95	179751	51.676	ug/L	97
35) Methylcyclohexane	6.124	83	298074	50.454	ug/L	98
37) 1,2-Dichloropropane	6.166	63	179898	53.695	ug/L	100
38) Bromodichloromethane	6.503	83	233482	50.481	ug/L	100
39) cis-1,3-Dichloropropene	7.018	75	269072	48.832	ug/L	99
40) 4-Methyl-2-pentanone	7.220	43	467149	116.943	ug/L	98
42) Toluene	7.381	91	781716	52.320	ug/L	100
44) trans-1,3-Dichloropropene	7.641	75	252202	48.332	ug/L	100
45) 1,1,2-Trichloroethane	7.831	97	180693	52.203	ug/L	99
46) Tetrachloroethene	7.966	164	144162	51.548	ug/L	97
48) 2-Hexanone	8.133	43	359388	117.758	ug/L	96
49) Dibromochloromethane	8.236	129	191119	50.011	ug/L	99
50) 1,2-Dibromoethane	8.342	107	186621	52.333	ug/L	98
51) Chlorobenzene	8.873	112	486750	51.448	ug/L	99
52) Ethylbenzene	9.005	91	821641	52.307	ug/L	100
53) m,p-Xylene	9.130	106	323656	52.059	ug/L	99
54) o-Xylene	9.535	106	306310	49.809	ug/L	99
55) Styrene	9.551	104	536213	50.174	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.230	83	278496	50.299	ug/L	99
59) Bromoform	9.722	173	138533	47.528	ug/L	99
60) Isopropylbenzene	9.921	105	799761	51.625	ug/L	100
61) 1,2,3-Trichloropropane	10.262	75	212896	52.271	ug/L	99
62) 1,3,5-Trimethylbenzene	10.529	105	700153	51.115	ug/L	99
63) 1,2,4-Trimethylbenzene	10.905	105	701856	51.691	ug/L	100
64) 1,3-Dichlorobenzene	11.169	146	384837	50.806	ug/L	99
65) 1,4-Dichlorobenzene	11.262	146	390061	50.670	ug/L	99
67) 1,2-Dichlorobenzene	11.632	146	394628	50.948	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.416	75	62288	49.205	ug/L	96
69) 1,3,5-Trichlorobenzene	12.632	180	301557	50.026	ug/L	100
70) 1,2,4-trichlorobenzene	13.249	180	274605	51.229	ug/L	99
71) Naphthalene	13.493	128	633533	52.105	ug/L	99
72) 1,2,3-Trichlorobenzene	13.731	180	275529	52.479	ug/L	99

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

