

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW122222\
 Data File : VW029774.D
 Acq On : 22 Dec 2022 21:23
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050396

Quant Time: Dec 23 04:07:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120722WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Dec 21 00:15:13 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	487559	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	477200	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.236	152	273491	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	118566	39.713	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.420%
7) Chloroethane-d5	1.565	69	110986	48.750	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.500%
11) 1,1-Dichloroethene-d2	2.108	63	234564	50.371	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.740%
21) 2-Butanone-d5	3.873	46	195701	107.451	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.450%
24) Chloroform-d	4.339	84	260471	46.361	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.720%
26) 1,2-Dichloroethane-d4	5.024	65	152695	47.586	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.180%
32) Benzene-d6	5.043	84	532596	42.239	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.480%
36) 1,2-Dichloropropane-d6	6.063	67	170663	44.310	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.620%
41) Toluene-d8	7.307	98	488411	41.110	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.220%
43) trans-1,3-Dichloroprop...	7.613	79	77118	39.652	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.300%
47) 2-Hexanone-d5	8.082	63	163665	99.511	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.510%
56) 1,1,2,2-Tetrachloroeth...	10.204	84	263821	47.934	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.860%
66) 1,2-Dichlorobenzene-d4	11.612	152	204380	39.257	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	78.520%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	166355	43.317	ug/L	99
3) Chloromethane	1.240	50	186297	42.547	ug/L	99
5) Vinyl chloride	1.311	62	187690	51.233	ug/L	99
6) Bromomethane	1.520	94	81020	54.963	ug/L	98
8) Chloroethane	1.581	64	119972	58.812	ug/L	100
9) Trichlorofluoromethane	1.751	101	243955	53.194	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	144302	56.626	ug/L	97
12) 1,1-Dichloroethene	2.114	96	143270	54.974	ug/L	94
13) Acetone	2.163	43	139220	117.339	ug/L	99
14) Carbon disulfide	2.291	76	420069	48.432	ug/L	100
15) Methyl Acetate	2.426	43	159687	59.074	ug/L	96
16) Methylene chloride	2.500	84	176063	54.334	ug/L	95
17) trans-1,2-Dichloroethene	2.754	96	155330	51.728	ug/L	98
18) Methyl tert-butyl Ether	2.764	73	482555	52.451	ug/L	99
19) 1,1-Dichloroethane	3.182	63	280828	54.590	ug/L	99
20) cis-1,2-Dichloroethene	3.902	96	175029	53.007	ug/L	96
22) 2-Butanone	3.957	43	219612	116.326	ug/L	100
23) Bromochloromethane	4.240	128	89179	52.449	ug/L	93
25) Chloroform	4.365	83	298236	55.921	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.121	62	203118	53.915	ug/L	99
29) Cyclohexane	4.670	56	241715	46.759	ug/L	96
30) 1,1,1-Trichloroethane	4.600	97	253300	48.720	ug/L	99
31) Carbon tetrachloride	4.822	117	215049	47.367	ug/L	100
33) Benzene	5.092	78	667051	49.592	ug/L	100
34) Trichloroethene	5.905	95	164215	48.720	ug/L	98
35) Methylcyclohexane	6.124	83	273465	47.770	ug/L	97
37) 1,2-Dichloropropane	6.166	63	173524	53.450	ug/L	99
38) Bromodichloromethane	6.500	83	224595	50.114	ug/L	99
39) cis-1,3-Dichloropropene	7.018	75	236296	44.256	ug/L	98
40) 4-Methyl-2-pentanone	7.220	43	442119	114.219	ug/L	97
42) Toluene	7.378	91	722930	49.934	ug/L	99
44) trans-1,3-Dichloropropene	7.641	75	230927	45.671	ug/L	99
45) 1,1,2-Trichloroethane	7.828	97	172078	51.305	ug/L	99
46) Tetrachloroethene	7.966	164	132201	48.784	ug/L	98
48) 2-Hexanone	8.133	43	342920	115.957	ug/L	96
49) Dibromochloromethane	8.236	129	184831	49.914	ug/L	98
50) 1,2-Dibromoethane	8.342	107	173552	50.226	ug/L	99
51) Chlorobenzene	8.873	112	458278	49.989	ug/L	99
52) Ethylbenzene	9.002	91	758948	49.862	ug/L	100
53) m,p-Xylene	9.130	106	298092	49.481	ug/L	99
54) o-Xylene	9.532	106	292453	49.077	ug/L	98
55) Styrene	9.551	104	534454	51.609	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.230	83	289387	53.938	ug/L	99
59) Bromoform	9.722	173	139985	46.335	ug/L	99
60) Isopropylbenzene	9.921	105	767576	47.803	ug/L	100
61) 1,2,3-Trichloropropane	10.262	75	217930	51.624	ug/L	99
62) 1,3,5-Trimethylbenzene	10.529	105	643365	45.316	ug/L	100
63) 1,2,4-Trimethylbenzene	10.902	105	639462	45.438	ug/L	100
64) 1,3-Dichlorobenzene	11.169	146	366501	46.682	ug/L	99
65) 1,4-Dichlorobenzene	11.262	146	370610	46.448	ug/L	100
67) 1,2-Dichlorobenzene	11.632	146	373060	46.467	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.413	75	60518	46.124	ug/L	95
69) 1,3,5-Trichlorobenzene	12.632	180	279426	44.722	ug/L	99
70) 1,2,4-trichlorobenzene	13.249	180	248263	44.684	ug/L	100
71) Naphthalene	13.490	128	696532	55.270	ug/L	99
72) 1,2,3-Trichlorobenzene	13.728	180	254086	46.691	ug/L	100

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

