

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW030124\
 Data File : VW034487.D
 Acq On : 01 Mar 2024 08:59
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050397

Quant Time: Mar 01 22:15:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022924WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 01 01:27:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	318955	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	295460	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	154712	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	124538	45.041	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.080%
7) Chloroethane-d5	1.532	69	99792	46.326	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.660%
11) 1,1-Dichloroethene-d2	2.060	65	55810	44.631	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.260%
21) 2-Butanone-d5	3.786	46	181648	98.238	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.240%
24) Chloroform-d	4.246	84	232934	47.646	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.300%
26) 1,2-Dichloroethane-d4	4.937	65	151086	47.292	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.580%
32) Benzene-d6	4.957	84	416977	46.762	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.520%
36) 1,2-Dichloropropane-d6	5.985	67	126895	46.630	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.260%
41) Toluene-d8	7.239	98	372329	46.140	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.280%
43) trans-1,3-Dichloroprop...	7.548	79	62214	45.526	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.060%
47) 2-Hexanone-d5	8.021	63	133126	97.966	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.970%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	169598	47.358	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.720%
66) 1,2-Dichlorobenzene-d4	11.558	152	143539	45.390	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.780%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	161328	48.221	ug/L	100
3) Chloromethane	1.217	50	162023	49.285	ug/L	100
5) Vinyl chloride	1.285	62	160457	50.282	ug/L	98
6) Bromomethane	1.490	94	95025	49.631	ug/L	99
8) Chloroethane	1.548	64	93817	49.463	ug/L	100
9) Trichlorofluoromethane	1.712	101	231286	48.398	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	124414	48.305	ug/L	99
12) 1,1-Dichloroethene	2.069	96	116143	48.629	ug/L	98
13) Acetone	2.124	43	133850	60.215	ug/L	98
14) Carbon disulfide	2.240	76	330342	49.838	ug/L	99
15) Methyl Acetate	2.375	43	145864	51.292	ug/L	100
16) Methylene chloride	2.445	84	131891	52.061	ug/L	99
17) trans-1,2-Dichloroethene	2.693	96	116956	50.594	ug/L	97
18) Methyl tert-butyl Ether	2.699	73	430247	51.828	ug/L	99
19) 1,1-Dichloroethane	3.108	63	235620	52.032	ug/L	100
20) cis-1,2-Dichloroethene	3.812	96	129555	51.654	ug/L	95
22) 2-Butanone	3.870	43	177521	80.874	ug/L	99
23) Bromochloromethane	4.143	128	67458	52.013	ug/L	96
25) Chloroform	4.272	83	234380	49.936	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	192588	50.503	ug/L	99
29) Cyclohexane	4.580	56	192621	49.565	ug/L	99
30) 1,1,1-Trichloroethane	4.510	97	214112	50.536	ug/L	100
31) Carbon tetrachloride	4.732	117	184932	49.301	ug/L	98
33) Benzene	5.005	78	461928	50.368	ug/L	100
34) Trichloroethene	5.831	95	128101	49.139	ug/L	99
35) Methylcyclohexane	6.047	83	189429	47.797	ug/L	100
37) 1,2-Dichloropropane	6.088	63	119872	49.924	ug/L	99
38) Bromodichloromethane	6.429	83	166927	49.425	ug/L	99
39) cis-1,3-Dichloropropene	6.950	75	183527	47.177	ug/L	97
40) 4-Methyl-2-pentanone	7.153	43	355813	100.497	ug/L	99
42) Toluene	7.313	91	483833	49.848	ug/L	99
44) trans-1,3-Dichloropropene	7.577	75	180671	48.289	ug/L	99
45) 1,1,2-Trichloroethane	7.764	97	117640	50.779	ug/L	99
46) Tetrachloroethene	7.902	164	92514	47.718	ug/L	98
48) 2-Hexanone	8.072	43	268601	95.206	ug/L	99
49) Dibromochloromethane	8.172	129	123183	50.386	ug/L	96
50) 1,2-Dibromoethane	8.278	107	124897	50.805	ug/L	96
51) Chlorobenzene	8.812	112	309335	49.298	ug/L	99
52) Ethylbenzene	8.944	91	539887	49.641	ug/L	100
53) m,p-Xylene	9.069	106	203265	49.252	ug/L	100
54) o-Xylene	9.474	106	199449	49.353	ug/L	96
55) Styrene	9.493	104	345185	50.447	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.175	83	168402	48.397	ug/L	99
59) Bromoform	9.664	173	87575	51.055	ug/L	99
60) Isopropylbenzene	9.863	105	544235	49.738	ug/L	99
61) 1,2,3-Trichloropropane	10.207	75	145047	49.114	ug/L	99
62) 1,3,5-Trimethylbenzene	10.474	105	462317	50.088	ug/L	100
63) 1,2,4-Trimethylbenzene	10.850	105	459943	50.383	ug/L	100
64) 1,3-Dichlorobenzene	11.114	146	247288	48.880	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	248300	48.330	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	248001	48.921	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.361	75	41914	47.644	ug/L	99
69) 1,3,5-Trichlorobenzene	12.580	180	179459	47.284	ug/L	98
70) 1,2,4-trichlorobenzene	13.197	180	161980	47.431	ug/L	98
71) Naphthalene	13.435	128	416266	45.568	ug/L	100
72) 1,2,3-Trichlorobenzene	13.680	180	158022	47.433	ug/L	99

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

