

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW031424\
 Data File : VW034589.D
 Acq On : 14 Mar 2024 09:12
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050288

Quant Time: Mar 15 03:27:10 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022924WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 14 02:21:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	324151	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	299166	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	158828	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	156435	55.670	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	= 111.340%	
7) Chloroethane-d5	1.529	69	124255	56.757	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	= 113.520%	
11) 1,1-Dichloroethene-d2	2.056	65	69755	54.889	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 109.780%	
21) 2-Butanone-d5	3.783	46	195469	104.018	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	= 104.020%	
24) Chloroform-d	4.243	84	275325	55.414	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 110.820%	
26) 1,2-Dichloroethane-d4	4.937	65	178426	54.955	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 109.900%	
32) Benzene-d6	4.957	84	525435	58.195	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 116.380%	
36) 1,2-Dichloropropane-d6	5.985	67	159683	57.952	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	= 115.900%	
41) Toluene-d8	7.239	98	463405	56.715	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 113.440%	
43) trans-1,3-Dichloroprop...	7.548	79	74884	54.119	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 108.240%	
47) 2-Hexanone-d5	8.021	63	138881	100.935	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	= 100.930%	
56) 1,1,2,2-Tetrachloroeth...	10.149	84	193186	53.276	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	= 106.560%	
66) 1,2-Dichlorobenzene-d4	11.558	152	173460	53.430	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 106.860%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	173079	50.904	ug/L	98
3) Chloromethane	1.214	50	164729	49.305	ug/L	99
5) Vinyl chloride	1.285	62	163636	50.456	ug/L	99
6) Bromomethane	1.487	94	98337	50.537	ug/L	100
8) Chloroethane	1.545	64	98221	50.955	ug/L	99
9) Trichlorofluoromethane	1.712	101	243669	50.172	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	136580	52.178	ug/L	97
12) 1,1-Dichloroethene	2.069	96	122374	50.417	ug/L	98
13) Acetone	2.114	43	245909	108.853	ug/L	99
14) Carbon disulfide	2.240	76	349978	51.954	ug/L	100
15) Methyl Acetate	2.371	43	155762	53.895	ug/L	100
16) Methylene chloride	2.445	84	137437	53.381	ug/L	98
17) trans-1,2-Dichloroethene	2.693	96	122771	52.259	ug/L	98
18) Methyl tert-butyl Ether	2.699	73	449908	53.328	ug/L	99
19) 1,1-Dichloroethane	3.108	63	249771	54.273	ug/L	98
20) cis-1,2-Dichloroethene	3.809	96	139497	54.726	ug/L	94
22) 2-Butanone	3.863	43	245518	110.058	ug/L	97
23) Bromochloromethane	4.143	128	71254	54.059	ug/L	98
25) Chloroform	4.272	83	254280	53.308	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	202653	52.291	ug/L	99
29) Cyclohexane	4.577	56	209533	53.248	ug/L	100
30) 1,1,1-Trichloroethane	4.510	97	228443	53.250	ug/L	100
31) Carbon tetrachloride	4.731	117	203104	53.474	ug/L	97
33) Benzene	5.005	78	510212	54.944	ug/L	100
34) Trichloroethene	5.828	95	142650	54.042	ug/L	97
35) Methylcyclohexane	6.047	83	219815	54.777	ug/L	99
37) 1,2-Dichloropropane	6.088	63	136056	55.963	ug/L	99
38) Bromodichloromethane	6.429	83	190116	55.594	ug/L	100
39) cis-1,3-Dichloropropene	6.950	75	214881	54.552	ug/L	96
40) 4-Methyl-2-pentanone	7.153	43	379056	105.736	ug/L	100
42) Toluene	7.313	91	525536	53.474	ug/L	99
44) trans-1,3-Dichloropropene	7.577	75	201815	53.272	ug/L	99
45) 1,1,2-Trichloroethane	7.767	97	126522	53.936	ug/L	99
46) Tetrachloroethene	7.902	164	102248	52.086	ug/L	99
48) 2-Hexanone	8.072	43	324350	113.543	ug/L	99
49) Dibromochloromethane	8.172	129	134409	54.297	ug/L	98
50) 1,2-Dibromoethane	8.281	107	132877	53.381	ug/L	100
51) Chlorobenzene	8.812	112	333084	52.425	ug/L	98
52) Ethylbenzene	8.944	91	586362	53.247	ug/L	100
53) m,p-Xylene	9.069	106	222080	53.144	ug/L	99
54) o-Xylene	9.477	106	214353	52.384	ug/L	99
55) Styrene	9.493	104	377268	54.453	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.175	83	184422	52.344	ug/L	99
59) Bromoform	9.664	173	94464	53.644	ug/L	98
60) Isopropylbenzene	9.863	105	601327	53.531	ug/L	100
61) 1,2,3-Trichloropropane	10.207	75	158135	52.158	ug/L	99
62) 1,3,5-Trimethylbenzene	10.474	105	501387	52.913	ug/L	98
63) 1,2,4-Trimethylbenzene	10.850	105	506379	54.032	ug/L	99
64) 1,3-Dichlorobenzene	11.114	146	273217	52.605	ug/L	100
65) 1,4-Dichlorobenzene	11.207	146	274819	52.106	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	270423	51.961	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.365	75	45040	49.871	ug/L	98
69) 1,3,5-Trichlorobenzene	12.580	180	202694	52.022	ug/L	99
70) 1,2,4-trichlorobenzene	13.197	180	182282	51.993	ug/L	100
71) Naphthalene	13.438	128	439485	46.863	ug/L	99
72) 1,2,3-Trichlorobenzene	13.680	180	178157	52.091	ug/L	99

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

