

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW042624\
 Data File : VW035439.D
 Acq On : 26 Apr 2024 20:02
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050341

Quant Time: Apr 27 00:38:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM042624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 27 00:18:54 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	537817	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	533048	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	288284	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	178586	41.319	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.640%
7) Chloroethane-d5	1.529	69	130673	52.767	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	105.540%
11) 1,1-Dichloroethene-d2	2.053	65	75864	42.945	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.900%
21) 2-Butanone-d5	3.796	46	241987	109.240	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	109.240%
24) Chloroform-d	4.246	84	331966	45.644	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.280%
26) 1,2-Dichloroethane-d4	4.937	65	194798	45.984	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.960%
32) Benzene-d6	4.957	84	653183	46.629	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.260%
36) 1,2-Dichloropropane-d6	5.985	67	200760	46.451	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.900%
41) Toluene-d8	7.239	98	599722	47.499	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.000%
43) trans-1,3-Dichloroprop...	7.551	79	95143	47.058	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.120%
47) 2-Hexanone-d5	8.030	63	148739	119.378	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	119.380%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	305251	49.553	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.100%
66) 1,2-Dichlorobenzene-d4	11.558	152	239160	47.417	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.840%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	185418	46.894	ug/L	100
3) Chloromethane	1.214	50	188908	47.082	ug/L	99
5) Vinyl chloride	1.281	62	203155	47.997	ug/L	100
6) Bromomethane	1.487	94	122977	49.609	ug/L	100
8) Chloroethane	1.545	64	108294	57.957	ug/L	98
9) Trichlorofluoromethane	1.706	101	276961	48.446	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	171660	47.927	ug/L	99
12) 1,1-Dichloroethene	2.066	96	153833	48.412	ug/L	91
13) Acetone	2.130	43	207161	78.700	ug/L	98
14) Carbon disulfide	2.236	76	422021	47.813	ug/L	100
15) Methyl Acetate	2.375	43	211707	53.033	ug/L	97
16) Methylene chloride	2.442	84	195892	48.744	ug/L	98
17) trans-1,2-Dichloroethene	2.690	96	169383	49.582	ug/L	98
18) Methyl tert-butyl Ether	2.703	73	600004	52.147	ug/L	99
19) 1,1-Dichloroethane	3.108	63	349210	49.382	ug/L	99
20) cis-1,2-Dichloroethene	3.809	96	197561	51.405	ug/L	100
22) 2-Butanone	3.876	43	292326	100.384	ug/L	96
23) Bromochloromethane	4.143	128	107391	50.214	ug/L	97
25) Chloroform	4.272	83	360736	49.351	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	270881	50.463	ug/L	99
29) Cyclohexane	4.580	56	255010	52.020	ug/L	100
30) 1,1,1-Trichloroethane	4.506	97	299782	49.435	ug/L	99
31) Carbon tetrachloride	4.731	117	261237	49.307	ug/L	100
33) Benzene	5.005	78	735148	51.540	ug/L	100
34) Trichloroethene	5.831	95	191039	49.383	ug/L	98
35) Methylcyclohexane	6.046	83	281574	50.306	ug/L	99
37) 1,2-Dichloropropane	6.088	63	208791	52.432	ug/L	100
38) Bromodichloromethane	6.429	83	271089	50.415	ug/L	100
39) cis-1,3-Dichloropropene	6.950	75	316520	53.704	ug/L	100
40) 4-Methyl-2-pentanone	7.156	43	579609	121.885	ug/L	100
42) Toluene	7.310	91	784547	52.489	ug/L	99
44) trans-1,3-Dichloropropene	7.577	75	299773	52.985	ug/L	99
45) 1,1,2-Trichloroethane	7.763	97	209038	50.269	ug/L	99
46) Tetrachloroethene	7.902	164	151099	49.789	ug/L	99
48) 2-Hexanone	8.079	43	459095	113.564	ug/L	97
49) Dibromochloromethane	8.172	129	214892	50.551	ug/L	97
50) 1,2-Dibromoethane	8.278	107	219726	51.938	ug/L	99
51) Chlorobenzene	8.812	112	522537	49.577	ug/L	99
52) Ethylbenzene	8.943	91	859625	52.632	ug/L	99
53) m,p-Xylene	9.072	106	324047	52.424	ug/L	100
54) o-Xylene	9.477	106	324093	53.621	ug/L	97
55) Styrene	9.493	104	574952	55.158	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.175	83	359530	53.188	ug/L	99
59) Bromoform	9.664	173	175456	51.265	ug/L	99
60) Isopropylbenzene	9.863	105	874259	52.861	ug/L	99
61) 1,2,3-Trichloropropane	10.207	75	283032	52.452	ug/L	100
62) 1,3,5-Trimethylbenzene	10.474	105	710950	53.359	ug/L	100
63) 1,2,4-Trimethylbenzene	10.850	105	723704	55.478	ug/L	100
64) 1,3-Dichlorobenzene	11.114	146	434327	50.693	ug/L	98
65) 1,4-Dichlorobenzene	11.207	146	443842	49.389	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	444356	51.189	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.361	75	69126	56.624	ug/L	96
69) 1,3,5-Trichlorobenzene	12.580	180	312250	51.437	ug/L	99
70) 1,2,4-trichlorobenzene	13.194	180	252013	52.295	ug/L	98
71) Naphthalene	13.435	128	688245	65.465	ug/L	100
72) 1,2,3-Trichlorobenzene	13.676	180	260173	55.407	ug/L	100

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

