

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW072524\
 Data File : VW036673.D
 Acq On : 24 Jul 2024 19:24
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.00mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV238

Quant Time: Jul 25 03:01:34 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072424WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jul 25 02:54:33 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	374518	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	379802	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	217433	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	121384	44.044	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.080%
7) Chloroethane-d5	1.526	69	103827	44.000	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.000%
11) 1,1-Dichloroethene-d2	2.053	65	58173	44.128	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.260%
21) 2-Butanone-d5	3.780	46	133021	94.176	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.180%
24) Chloroform-d	4.243	84	256020	45.371	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.740%
26) 1,2-Dichloroethane-d4	4.937	65	153646	45.723	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.440%
32) Benzene-d6	4.953	84	471696	47.348	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.700%
36) 1,2-Dichloropropane-d6	5.986	67	129144	45.664	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.320%
41) Toluene-d8	7.239	98	473320	48.708	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.420%
43) trans-1,3-Dichloroprop...	7.548	79	70904	46.322	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.640%
47) 2-Hexanone-d5	8.021	63	106265	101.524	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.520%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	199369	45.495	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.980%
66) 1,2-Dichlorobenzene-d4	11.558	152	205098	45.760	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.520%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	156981	46.198	ug/L	100
3) Chloromethane	1.214	50	115197	46.114	ug/L	99
5) Vinyl chloride	1.282	62	141039	46.286	ug/L	99
6) Bromomethane	1.478	94	121990	51.908	ug/L	100
8) Chloroethane	1.542	64	94061	46.943	ug/L	99
9) Trichlorofluoromethane	1.709	101	252263	46.979	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	147736	46.331	ug/L	99
12) 1,1-Dichloroethene	2.063	96	136164	46.746	ug/L	85
13) Acetone	2.108	43	109262	80.693	ug/L	99
14) Carbon disulfide	2.233	76	346557	46.931	ug/L	99
15) Methyl Acetate	2.368	43	104803	47.664	ug/L	100
16) Methylene chloride	2.442	84	134896	45.125	ug/L	96
17) trans-1,2-Dichloroethene	2.690	96	130804	47.004	ug/L	97
18) Methyl tert-butyl Ether	2.699	73	369038	48.975	ug/L	99
19) 1,1-Dichloroethane	3.105	63	212678	46.854	ug/L	100
20) cis-1,2-Dichloroethene	3.809	96	144890	48.175	ug/L	99
22) 2-Butanone	3.860	43	137641	92.699	ug/L	97
23) Bromochloromethane	4.143	128	86042	46.948	ug/L	98
25) Chloroform	4.269	83	255812	46.575	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	188585	47.700	ug/L	100
29) Cyclohexane	4.577	56	154623	50.727	ug/L	99
30) 1,1,1-Trichloroethane	4.506	97	232765	47.619	ug/L	99
31) Carbon tetrachloride	4.728	117	215792	47.095	ug/L	99
33) Benzene	5.005	78	503751	49.717	ug/L	100
34) Trichloroethene	5.828	95	163709	46.864	ug/L	99
35) Methylcyclohexane	6.047	83	207626	50.645	ug/L	100
37) 1,2-Dichloropropane	6.088	63	117390	47.992	ug/L	99
38) Bromodichloromethane	6.429	83	190255	47.130	ug/L	99
39) cis-1,3-Dichloropropene	6.950	75	194280	46.546	ug/L	99
40) 4-Methyl-2-pentanone	7.153	43	279692	103.853	ug/L	99
42) Toluene	7.310	91	575727	50.981	ug/L	100
44) trans-1,3-Dichloropropene	7.577	75	202451	49.507	ug/L	100
45) 1,1,2-Trichloroethane	7.764	97	148847	48.069	ug/L	99
46) Tetrachloroethene	7.902	164	137987	46.063	ug/L	98
48) 2-Hexanone	8.069	43	222328	102.316	ug/L	97
49) Dibromochloromethane	8.172	129	171054	47.680	ug/L	98
50) 1,2-Dibromoethane	8.278	107	169461	48.276	ug/L	100
51) Chlorobenzene	8.809	112	400033	48.018	ug/L	99
52) Ethylbenzene	8.944	91	612849	49.985	ug/L	99
53) m,p-Xylene	9.069	106	246517	51.655	ug/L	98
54) o-Xylene	9.474	106	235714	51.413	ug/L	98
55) Styrene	9.493	104	427353	53.510	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.175	83	190978	47.562	ug/L	97
59) Bromoform	9.661	173	144511	48.328	ug/L	99
60) Isopropylbenzene	9.863	105	639961	52.462	ug/L	99
61) 1,2,3-Trichloropropane	10.204	75	176049	48.282	ug/L	99
62) 1,3,5-Trimethylbenzene	10.474	105	516024	53.357	ug/L	100
63) 1,2,4-Trimethylbenzene	10.847	105	520900	53.645	ug/L	99
64) 1,3-Dichlorobenzene	11.114	146	344612	48.861	ug/L	99
65) 1,4-Dichlorobenzene	11.204	146	357712	48.138	ug/L	100
67) 1,2-Dichlorobenzene	11.574	146	350339	48.680	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.361	75	53899	48.349	ug/L	96
69) 1,3,5-Trichlorobenzene	12.580	180	259459	48.462	ug/L	99
70) 1,2,4-trichlorobenzene	13.194	180	231574	49.613	ug/L	100
71) Naphthalene	13.435	128	691926	55.307	ug/L	100
72) 1,2,3-Trichlorobenzene	13.677	180	256293	51.468	ug/L	100

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

