

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW072524\
 Data File : VW036691.D
 Acq On : 25 Jul 2024 03:23
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.00mL/MSVOA_V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050338

Quant Time: Jul 25 04:31:54 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM072424WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jul 25 03:06:08 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	361427	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	372270	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	220411	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	118043	44.383	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.760%
7) Chloroethane-d5	1.526	69	103853	45.605	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.220%
11) 1,1-Dichloroethene-d2	2.053	65	56651	44.530	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.060%
21) 2-Butanone-d5	3.780	46	126383	92.717	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.720%
24) Chloroform-d	4.243	84	254519	46.739	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.480%
26) 1,2-Dichloroethane-d4	4.934	65	153485	47.330	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.660%
32) Benzene-d6	4.953	84	465319	47.653	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.300%
36) 1,2-Dichloropropane-d6	5.982	67	132242	47.705	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.420%
41) Toluene-d8	7.239	98	471917	49.546	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.100%
43) trans-1,3-Dichloroprop...	7.548	79	65403	43.593	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.180%
47) 2-Hexanone-d5	8.021	63	99134	96.628	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.630%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	193978	45.160	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.320%
66) 1,2-Dichlorobenzene-d4	11.558	152	208998	46.000	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	150331	45.844	ug/L	100
3) Chloromethane	1.214	50	111150	46.106	ug/L	99
5) Vinyl chloride	1.278	62	136003	46.250	ug/L	98
6) Bromomethane	1.478	94	118363	52.189	ug/L	99
8) Chloroethane	1.542	64	92176	47.668	ug/L	99
9) Trichlorofluoromethane	1.709	101	244089	47.103	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	143349	46.584	ug/L	100
12) 1,1-Dichloroethene	2.063	96	132318	47.071	ug/L	85
13) Acetone	2.108	43	107304	82.117	ug/L	100
14) Carbon disulfide	2.233	76	330982	46.445	ug/L	99
15) Methyl Acetate	2.368	43	99204	46.752	ug/L	98
16) Methylene chloride	2.442	84	135519	46.975	ug/L	99
17) trans-1,2-Dichloroethene	2.687	96	127185	47.359	ug/L	98
18) Methyl tert-butyl Ether	2.699	73	349976	48.128	ug/L	100
19) 1,1-Dichloroethane	3.105	63	206187	47.069	ug/L	100
20) cis-1,2-Dichloroethene	3.809	96	140161	48.290	ug/L	99
22) 2-Butanone	3.860	43	134012	93.524	ug/L	96
23) Bromochloromethane	4.140	128	85341	48.252	ug/L	100
25) Chloroform	4.268	83	256335	48.361	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.034	62	188041	49.285	ug/L	100
29) Cyclohexane	4.577	56	140627	47.069	ug/L	100
30) 1,1,1-Trichloroethane	4.506	97	227722	47.529	ug/L	99
31) Carbon tetrachloride	4.728	117	210547	46.880	ug/L	100
33) Benzene	5.002	78	491159	49.455	ug/L	100
34) Trichloroethene	5.828	95	164674	48.094	ug/L	99
35) Methylcyclohexane	6.047	83	188784	46.981	ug/L	99
37) 1,2-Dichloropropane	6.088	63	115648	48.236	ug/L	99
38) Bromodichloromethane	6.429	83	187920	47.493	ug/L	99
39) cis-1,3-Dichloropropene	6.950	75	177925	43.490	ug/L	99
40) 4-Methyl-2-pentanone	7.153	43	267550	101.355	ug/L	98
42) Toluene	7.310	91	558783	50.482	ug/L	99
44) trans-1,3-Dichloropropene	7.577	75	181959	45.396	ug/L	97
45) 1,1,2-Trichloroethane	7.764	97	146934	48.411	ug/L	98
46) Tetrachloroethene	7.902	164	133803	45.570	ug/L	99
48) 2-Hexanone	8.069	43	214672	100.792	ug/L	99
49) Dibromochloromethane	8.172	129	169022	48.067	ug/L	97
50) 1,2-Dibromoethane	8.278	107	166364	48.352	ug/L	99
51) Chlorobenzene	8.808	112	385676	47.231	ug/L	99
52) Ethylbenzene	8.944	91	588310	48.954	ug/L	99
53) m,p-Xylene	9.069	106	239463	51.192	ug/L	99
54) o-Xylene	9.474	106	227642	50.657	ug/L	100
55) Styrene	9.490	104	410193	52.400	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.172	83	175929	44.701	ug/L	98
59) Bromoform	9.661	173	141432	46.660	ug/L	100
60) Isopropylbenzene	9.863	105	608753	49.229	ug/L	99
61) 1,2,3-Trichloropropane	10.204	75	173302	46.887	ug/L	100
62) 1,3,5-Trimethylbenzene	10.474	105	485816	49.555	ug/L	100
63) 1,2,4-Trimethylbenzene	10.847	105	494844	50.273	ug/L	100
64) 1,3-Dichlorobenzene	11.114	146	331742	46.401	ug/L	99
65) 1,4-Dichlorobenzene	11.204	146	344700	45.760	ug/L	99
67) 1,2-Dichlorobenzene	11.574	146	344824	47.266	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.361	75	50678	44.845	ug/L	96
69) 1,3,5-Trichlorobenzene	12.577	180	242490	44.681	ug/L	99
70) 1,2,4-trichlorobenzene	13.194	180	206244	43.590	ug/L	99
71) Naphthalene	13.435	128	560555	44.201	ug/L	100
72) 1,2,3-Trichlorobenzene	13.676	180	236665	46.884	ug/L	99

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

