

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW031324\
 Data File : VW034587.D
 Acq On : 13 Mar 2024 20:03
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050287

Quant Time: Mar 14 02:27:30 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	5.532	114	293938	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	278450	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	147044	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	74716	29.322	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	58.640%#
7) Chloroethane-d5	1.529	69	71400	35.967	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	71.940%
11) 1,1-Dichloroethene-d2	2.056	65	36651	31.804	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.600%
21) 2-Butanone-d5	3.786	46	197480	115.890	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	115.890%
24) Chloroform-d	4.249	84	203140	45.088	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.180%
26) 1,2-Dichloroethane-d4	4.941	65	134271	45.606	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.220%
32) Benzene-d6	4.960	84	333996	39.744	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	79.480%
36) 1,2-Dichloropropane-d6	5.989	67	112204	43.750	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.500%
41) Toluene-d8	7.243	98	292013	38.398	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	76.800%#
43) trans-1,3-Dichloroprop...	7.551	79	54848	42.588	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.180%
47) 2-Hexanone-d5	8.021	63	141137	110.205	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	110.210%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	173214	51.322	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.640%
66) 1,2-Dichlorobenzene-d4	11.561	152	129279	43.012	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.020%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	155618	50.473	ug/L	100
3) Chloromethane	1.214	50	149880	49.472	ug/L	99
5) Vinyl chloride	1.282	62	151022	51.353	ug/L	97
6) Bromomethane	1.487	94	88970	50.423	ug/L	100
8) Chloroethane	1.545	64	89872	51.416	ug/L	100
9) Trichlorofluoromethane	1.712	101	222099	50.432	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	119660	50.413	ug/L	99
12) 1,1-Dichloroethene	2.069	96	108872	49.465	ug/L	88
13) Acetone	2.118	43	191098	93.285	ug/L	99
14) Carbon disulfide	2.240	76	306991	50.257	ug/L	100
15) Methyl Acetate	2.372	43	146162	55.771	ug/L	96
16) Methylene chloride	2.446	84	132099	56.581	ug/L	97
17) trans-1,2-Dichloroethene	2.693	96	111092	52.148	ug/L	98
18) Methyl tert-butyl Ether	2.703	73	415292	54.284	ug/L	99
19) 1,1-Dichloroethane	3.111	63	227755	54.576	ug/L	100
20) cis-1,2-Dichloroethene	3.812	96	124638	53.923	ug/L	97
22) 2-Butanone	3.867	43	206997	102.328	ug/L	99
23) Bromochloromethane	4.146	128	64882	54.285	ug/L	94
25) Chloroform	4.275	83	229534	53.066	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.040	62	190235	54.132	ug/L	100
29) Cyclohexane	4.580	56	190916	52.127	ug/L	99
30) 1,1,1-Trichloroethane	4.510	97	208871	52.310	ug/L	99
31) Carbon tetrachloride	4.735	117	184670	52.238	ug/L	98
33) Benzene	5.008	78	462266	53.484	ug/L	100
34) Trichloroethene	5.831	95	130514	53.123	ug/L	96
35) Methylcyclohexane	6.050	83	190347	50.963	ug/L	99
37) 1,2-Dichloropropane	6.092	63	123046	54.377	ug/L	100
38) Bromodichloromethane	6.432	83	170719	53.636	ug/L	99
39) cis-1,3-Dichloropropene	6.953	75	198234	54.070	ug/L	96
40) 4-Methyl-2-pentanone	7.156	43	372285	111.573	ug/L	99
42) Toluene	7.313	91	485297	53.053	ug/L	99
44) trans-1,3-Dichloropropene	7.580	75	186848	52.990	ug/L	100
45) 1,1,2-Trichloroethane	7.767	97	122894	56.287	ug/L	99
46) Tetrachloroethene	7.905	164	93769	51.320	ug/L	99
48) 2-Hexanone	8.072	43	300553	113.040	ug/L	98
49) Dibromochloromethane	8.175	129	123997	53.818	ug/L	99
50) 1,2-Dibromoethane	8.281	107	126264	54.498	ug/L	98
51) Chlorobenzene	8.812	112	310133	52.444	ug/L	99
52) Ethylbenzene	8.944	91	546632	53.332	ug/L	100
53) m,p-Xylene	9.072	106	205770	52.905	ug/L	99
54) o-Xylene	9.477	106	202027	53.045	ug/L	97
55) Styrene	9.493	104	348715	54.077	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.175	83	174967	53.355	ug/L	100
59) Bromoform	9.664	173	83196	51.032	ug/L	97
60) Isopropylbenzene	9.866	105	558183	53.673	ug/L	100
61) 1,2,3-Trichloropropane	10.207	75	153557	54.707	ug/L	99
62) 1,3,5-Trimethylbenzene	10.474	105	461658	52.625	ug/L	99
63) 1,2,4-Trimethylbenzene	10.850	105	460884	53.119	ug/L	100
64) 1,3-Dichlorobenzene	11.117	146	250964	52.193	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	249541	51.105	ug/L	98
67) 1,2-Dichlorobenzene	11.577	146	250163	51.920	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.365	75	44647	53.397	ug/L	96
69) 1,3,5-Trichlorobenzene	12.580	180	186151	51.605	ug/L	99
70) 1,2,4-trichlorobenzene	13.197	180	167814	51.702	ug/L	99
71) Naphthalene	13.435	128	475098	54.721	ug/L	100
72) 1,2,3-Trichlorobenzene	13.680	180	172730	54.551	ug/L	99

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

