

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW013124\
 Data File : VW033932.D
 Acq On : 31 Jan 2024 19:52
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050391

Quant Time: Feb 01 05:32:52 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM011024WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Feb 01 04:45:22 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	209958	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	197158	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	99603	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	64818	40.169	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.340%
7) Chloroethane-d5	1.529	69	53537	41.895	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	83.800%
11) 1,1-Dichloroethene-d2	2.060	65	30275	43.595	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.200%
21) 2-Butanone-d5	3.783	46	93254	84.256	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	84.260%
24) Chloroform-d	4.249	84	124264	43.067	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.140%
26) 1,2-Dichloroethane-d4	4.940	65	83566	44.824	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.640%
32) Benzene-d6	4.960	84	228596	40.784	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.560%
36) 1,2-Dichloropropane-d6	5.989	67	69856	37.862	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	75.720%
41) Toluene-d8	7.243	98	207719	41.131	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.260%
43) trans-1,3-Dichloroprop...	7.551	79	38010	41.685	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.360%
47) 2-Hexanone-d5	8.024	63	65398	85.454	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	85.450%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	94824	40.258	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	80.520%
66) 1,2-Dichlorobenzene-d4	11.561	152	82837	43.835	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.660%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	68401	39.161	ug/L	99
3) Chloromethane	1.217	50	77170	38.853	ug/L	100
5) Vinyl chloride	1.281	62	78932	41.541	ug/L	100
6) Bromomethane	1.481	94	39189	39.463	ug/L	99
8) Chloroethane	1.545	64	50179	44.288	ug/L	98
9) Trichlorofluoromethane	1.712	101	124985	55.122	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	67034	50.180	ug/L	94
12) 1,1-Dichloroethene	2.069	96	63287	50.225	ug/L	93
13) Acetone	2.111	43	82430	77.894	ug/L	99
14) Carbon disulfide	2.240	76	173224	40.447	ug/L	99
15) Methyl Acetate	2.371	43	73125	42.258	ug/L #	100
16) Methylene chloride	2.445	84	66473	43.243	ug/L	95
17) trans-1,2-Dichloroethene	2.693	96	60020	42.641	ug/L	92
18) Methyl tert-butyl Ether	2.703	73	231554	45.741	ug/L	98
19) 1,1-Dichloroethane	3.111	63	124712	43.339	ug/L	98
20) cis-1,2-Dichloroethene	3.815	96	70454	44.974	ug/L	93
22) 2-Butanone	3.863	43	99846	77.686	ug/L	99
23) Bromochloromethane	4.146	128	36740	48.277	ug/L #	81
25) Chloroform	4.275	83	128216	46.994	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.040	62	106146	46.579	ug/L	99
29) Cyclohexane	4.580	56	108677	39.100	ug/L	93
30) 1,1,1-Trichloroethane	4.513	97	118471	50.072	ug/L	98
31) Carbon tetrachloride	4.735	117	105419	52.200	ug/L	98
33) Benzene	5.008	78	253727	43.815	ug/L	100
34) Trichloroethene	5.834	95	68427	44.051	ug/L	98
35) Methylcyclohexane	6.050	83	108680	40.882	ug/L	96
37) 1,2-Dichloropropane	6.092	63	69131	43.383	ug/L	99
38) Bromodichloromethane	6.432	83	96996	46.529	ug/L	97
39) cis-1,3-Dichloropropene	6.953	75	117726	44.241	ug/L	100
40) 4-Methyl-2-pentanone	7.156	43	197148	83.496	ug/L #	96
42) Toluene	7.313	91	275085	44.938	ug/L	98
44) trans-1,3-Dichloropropene	7.580	75	109023	44.459	ug/L	98
45) 1,1,2-Trichloroethane	7.767	97	66377	45.909	ug/L	98
46) Tetrachloroethene	7.905	164	53639	47.078	ug/L	96
48) 2-Hexanone	8.072	43	151016	80.267	ug/L	98
49) Dibromochloromethane	8.175	129	71245	47.312	ug/L	99
50) 1,2-Dibromoethane	8.281	107	67819	44.386	ug/L #	100
51) Chlorobenzene	8.815	112	174897	44.854	ug/L	97
52) Ethylbenzene	8.947	91	313753	44.252	ug/L	99
53) m,p-Xylene	9.072	106	115453	44.108	ug/L	99
54) o-Xylene	9.477	106	114744	44.279	ug/L	99
55) Styrene	9.497	104	195449	43.686	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.178	83	100318	43.597	ug/L	99
59) Bromoform	9.664	173	50092	47.319	ug/L	96
60) Isopropylbenzene	9.866	105	316216	46.923	ug/L	100
61) 1,2,3-Trichloropropane	10.210	75	80412	45.490	ug/L	96
62) 1,3,5-Trimethylbenzene	10.477	105	265794	45.968	ug/L	98
63) 1,2,4-Trimethylbenzene	10.850	105	262752	45.607	ug/L	99
64) 1,3-Dichlorobenzene	11.117	146	139952	45.976	ug/L	97
65) 1,4-Dichlorobenzene	11.210	146	137919	45.187	ug/L	99
67) 1,2-Dichlorobenzene	11.580	146	139835	47.014	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.365	75	24629	48.283	ug/L	97
69) 1,3,5-Trichlorobenzene	12.583	180	103521	46.022	ug/L	99
70) 1,2,4-trichlorobenzene	13.197	180	93136	45.618	ug/L	98
71) Naphthalene	13.439	128	235406	44.125	ug/L	99
72) 1,2,3-Trichlorobenzene	13.680	180	92803	48.699	ug/L	100

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

