

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW013124\
 Data File : VW033911.D
 Acq On : 31 Jan 2024 09:12
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050390

Quant Time: Feb 01 04:41:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM011024WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Jan 29 01:58:36 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	239426	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	223058	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	119899	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	78224	42.511	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.020%
7) Chloroethane-d5	1.532	69	62702	43.028	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.060%
11) 1,1-Dichloroethene-d2	2.059	65	35731	45.119	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.240%
21) 2-Butanone-d5	3.780	46	84709	67.115	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	67.120%
24) Chloroform-d	4.246	84	141392	42.972	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.940%
26) 1,2-Dichloroethane-d4	4.937	65	91432	43.008	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.020%
32) Benzene-d6	4.956	84	260905	41.143	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.280%
36) 1,2-Dichloropropane-d6	5.985	67	78529	37.621	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	75.240%
41) Toluene-d8	7.239	98	237567	41.579	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.160%
43) trans-1,3-Dichloroprop...	7.551	79	42257	40.961	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.920%
47) 2-Hexanone-d5	8.021	63	59018	68.163	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	68.160%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	96553	36.233	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	72.460%
66) 1,2-Dichlorobenzene-d4	11.557	152	95477	41.971	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.940%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	88704	44.534	ug/L	100
3) Chloromethane	1.217	50	92569	40.870	ug/L	98
5) Vinyl chloride	1.285	62	97327	44.917	ug/L	100
6) Bromomethane	1.484	94	47141	41.628	ug/L	98
8) Chloroethane	1.548	64	62220	48.156	ug/L	98
9) Trichlorofluoromethane	1.715	101	154676	59.821	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	85345	56.024	ug/L	95
12) 1,1-Dichloroethene	2.069	96	77740	54.102	ug/L	97
13) Acetone	2.108	43	125772	104.223	ug/L	99
14) Carbon disulfide	2.240	76	222192	45.496	ug/L	100
15) Methyl Acetate	2.371	43	77530	39.289	ug/L #	100
16) Methylene chloride	2.445	84	82311	46.956	ug/L	96
17) trans-1,2-Dichloroethene	2.693	96	75999	47.348	ug/L	94
18) Methyl tert-butyl Ether	2.699	73	273854	47.438	ug/L	98
19) 1,1-Dichloroethane	3.111	63	151250	46.092	ug/L	99
20) cis-1,2-Dichloroethene	3.812	96	86048	48.168	ug/L	95
22) 2-Butanone	3.860	43	120252	82.047	ug/L	99
23) Bromochloromethane	4.143	128	45010	51.864	ug/L	81
25) Chloroform	4.275	83	154978	49.811	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	125002	48.102	ug/L	100
29) Cyclohexane	4.580	56	137055	43.584	ug/L	93
30) 1,1,1-Trichloroethane	4.510	97	142795	53.345	ug/L	98
31) Carbon tetrachloride	4.735	117	127381	55.751	ug/L	100
33) Benzene	5.008	78	314412	47.991	ug/L	100
34) Trichloroethene	5.831	95	84799	48.252	ug/L	96
35) Methylcyclohexane	6.050	83	141863	47.168	ug/L	95
37) 1,2-Dichloropropane	6.091	63	82995	46.035	ug/L	98
38) Bromodichloromethane	6.429	83	116620	49.447	ug/L	100
39) cis-1,3-Dichloropropene	6.950	75	138220	45.911	ug/L	100
40) 4-Methyl-2-pentanone	7.153	43	208952	78.219	ug/L	97
42) Toluene	7.313	91	337664	48.756	ug/L	99
44) trans-1,3-Dichloropropene	7.577	75	132207	47.654	ug/L	97
45) 1,1,2-Trichloroethane	7.767	97	77895	47.619	ug/L	97
46) Tetrachloroethene	7.905	164	66991	51.970	ug/L	97
48) 2-Hexanone	8.072	43	171268	80.461	ug/L	99
49) Dibromochloromethane	8.175	129	84576	49.643	ug/L	100
50) 1,2-Dibromoethane	8.281	107	80671	46.666	ug/L	98
51) Chlorobenzene	8.812	112	217722	49.353	ug/L	99
52) Ethylbenzene	8.943	91	386924	48.236	ug/L	99
53) m,p-Xylene	9.072	106	144966	48.952	ug/L	99
54) o-Xylene	9.477	106	141745	48.348	ug/L	99
55) Styrene	9.493	104	243663	48.139	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.175	83	110783	42.555	ug/L	100
59) Bromoform	9.664	173	59995	47.080	ug/L	98
60) Isopropylbenzene	9.866	105	393434	48.499	ug/L	99
61) 1,2,3-Trichloropropane	10.207	75	87458	41.101	ug/L	95
62) 1,3,5-Trimethylbenzene	10.474	105	335484	48.199	ug/L	99
63) 1,2,4-Trimethylbenzene	10.850	105	335004	48.305	ug/L	99
64) 1,3-Dichlorobenzene	11.117	146	181666	49.578	ug/L	98
65) 1,4-Dichlorobenzene	11.207	146	181056	49.278	ug/L	98
67) 1,2-Dichlorobenzene	11.577	146	176592	49.322	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.365	75	24623	40.100	ug/L	93
69) 1,3,5-Trichlorobenzene	12.580	180	141267	52.171	ug/L	100
70) 1,2,4-trichlorobenzene	13.197	180	126259	51.374	ug/L	98
71) Naphthalene	13.438	128	277231	43.168	ug/L	100
72) 1,2,3-Trichlorobenzene	13.680	180	117862	51.380	ug/L	99

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

