

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW012424\
 Data File : VW033855.D
 Acq On : 24 Jan 2024 17:55
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050387

Quant Time: Jan 25 01:10:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM011024WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jan 25 00:55:39 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	210351	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	196110	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	101268	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	80390	49.726	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	99.460%
7) Chloroethane-d5	1.529	69	63416	49.534	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.060%
11) 1,1-Dichloroethene-d2	2.060	65	35654	51.245	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	102.500%
21) 2-Butanone-d5	3.783	46	89291	80.524	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	80.520%
24) Chloroform-d	4.249	84	134240	46.438	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.880%
26) 1,2-Dichloroethane-d4	4.941	65	88511	47.388	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.780%
32) Benzene-d6	4.960	84	257464	46.180	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.360%
36) 1,2-Dichloropropane-d6	5.989	67	78370	42.704	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	85.400%
41) Toluene-d8	7.243	98	236499	47.080	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.160%
43) trans-1,3-Dichloroprop...	7.551	79	41188	45.411	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.820%
47) 2-Hexanone-d5	8.021	63	63370	83.246	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	83.250%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	98865	42.198	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	84.400%
66) 1,2-Dichlorobenzene-d4	11.561	152	92020	47.894	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.780%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	72916	41.668	ug/L	100
3) Chloromethane	1.217	50	84654	42.542	ug/L	99
5) Vinyl chloride	1.285	62	85720	45.029	ug/L	99
6) Bromomethane	1.481	94	42328	42.544	ug/L	100
8) Chloroethane	1.545	64	54733	48.217	ug/L	97
9) Trichlorofluoromethane	1.712	101	130744	57.554	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	70864	52.948	ug/L	96
12) 1,1-Dichloroethene	2.069	96	65769	52.097	ug/L	94
13) Acetone	2.108	43	98133	92.560	ug/L	100
14) Carbon disulfide	2.240	76	191057	44.528	ug/L	99
15) Methyl Acetate	2.372	43	77450	44.674	ug/L #	100
16) Methylene chloride	2.445	84	71475	46.410	ug/L	94
17) trans-1,2-Dichloroethene	2.693	96	65138	46.191	ug/L	94
18) Methyl tert-butyl Ether	2.703	73	244748	48.257	ug/L	99
19) 1,1-Dichloroethane	3.111	63	133846	46.426	ug/L	98
20) cis-1,2-Dichloroethene	3.812	96	77204	49.191	ug/L	95
22) 2-Butanone	3.860	43	104631	81.256	ug/L	100
23) Bromochloromethane	4.146	128	38636	50.673	ug/L #	82
25) Chloroform	4.275	83	136249	49.845	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.040	62	113113	49.543	ug/L	99
29) Cyclohexane	4.584	56	118453	42.845	ug/L	96
30) 1,1,1-Trichloroethane	4.513	97	123980	52.681	ug/L	98
31) Carbon tetrachloride	4.735	117	109531	54.526	ug/L	99
33) Benzene	5.008	78	276965	48.084	ug/L	100
34) Trichloroethene	5.834	95	74811	48.418	ug/L	96
35) Methylcyclohexane	6.050	83	119010	45.007	ug/L	95
37) 1,2-Dichloropropane	6.092	63	73636	46.457	ug/L	98
38) Bromodichloromethane	6.432	83	102390	49.379	ug/L	97
39) cis-1,3-Dichloropropene	6.953	75	125078	47.255	ug/L	99
40) 4-Methyl-2-pentanone	7.156	43	202498	86.220	ug/L	97
42) Toluene	7.313	91	296978	48.774	ug/L	99
44) trans-1,3-Dichloropropene	7.580	75	116985	47.961	ug/L	98
45) 1,1,2-Trichloroethane	7.767	97	69502	48.327	ug/L	99
46) Tetrachloroethene	7.905	164	57557	50.787	ug/L	99
48) 2-Hexanone	8.072	43	156397	83.571	ug/L	97
49) Dibromochloromethane	8.175	129	73914	49.347	ug/L	99
50) 1,2-Dibromoethane	8.281	107	72548	47.734	ug/L	99
51) Chlorobenzene	8.812	112	190066	49.004	ug/L	99
52) Ethylbenzene	8.947	91	338275	47.966	ug/L	99
53) m,p-Xylene	9.072	106	125827	48.328	ug/L	99
54) o-Xylene	9.477	106	125182	48.566	ug/L	99
55) Styrene	9.493	104	212367	47.721	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.178	83	106494	46.529	ug/L	99
59) Bromoform	9.664	173	54083	50.249	ug/L	98
60) Isopropylbenzene	9.866	105	344341	50.257	ug/L	99
61) 1,2,3-Trichloropropane	10.207	75	85245	47.431	ug/L	96
62) 1,3,5-Trimethylbenzene	10.477	105	292564	49.766	ug/L	99
63) 1,2,4-Trimethylbenzene	10.850	105	292519	49.939	ug/L	99
64) 1,3-Dichlorobenzene	11.117	146	151070	48.813	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	151607	48.855	ug/L	99
67) 1,2-Dichlorobenzene	11.580	146	153322	50.701	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.365	75	23899	46.081	ug/L	95
69) 1,3,5-Trichlorobenzene	12.580	180	113935	49.819	ug/L	99
70) 1,2,4-trichlorobenzene	13.197	180	101840	49.061	ug/L	99
71) Naphthalene	13.439	128	242309	44.672	ug/L	99
72) 1,2,3-Trichlorobenzene	13.680	180	99829	51.525	ug/L	99

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

