

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW012224\
 Data File : VW033791.D
 Acq On : 22 Jan 2024 09:40
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050382

Quant Time: Jan 22 23:37:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM011024WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jan 19 23:43:59 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	244316	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	221424	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	115317	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	81171	43.229	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.460%
7) Chloroethane-d5	1.529	69	67708	45.534	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.060%
11) 1,1-Dichloroethene-d2	2.060	65	37696	46.648	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.300%
21) 2-Butanone-d5	3.786	46	89885	69.791	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	69.790%
24) Chloroform-d	4.249	84	152599	45.450	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.900%
26) 1,2-Dichloroethane-d4	4.941	65	99092	45.678	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.360%
32) Benzene-d6	4.960	84	290200	46.101	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.200%
36) 1,2-Dichloropropane-d6	5.986	67	87331	42.147	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	84.300%
41) Toluene-d8	7.243	98	269211	47.465	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.920%
43) trans-1,3-Dichloroprop...	7.551	79	45242	44.179	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.360%
47) 2-Hexanone-d5	8.024	63	64216	74.713	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	74.710%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	103424	39.097	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	78.200%
66) 1,2-Dichlorobenzene-d4	11.558	152	102057	46.646	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.300%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	89647	44.107	ug/L	99
3) Chloromethane	1.217	50	95458	41.302	ug/L	100
5) Vinyl chloride	1.285	62	98423	44.514	ug/L	98
6) Bromomethane	1.484	94	49540	42.871	ug/L	98
8) Chloroethane	1.545	64	62967	47.759	ug/L	94
9) Trichlorofluoromethane	1.712	101	147750	55.998	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	82852	53.299	ug/L	96
12) 1,1-Dichloroethene	2.073	96	76087	51.892	ug/L	92
13) Acetone	2.114	43	131265	106.598	ug/L	98
14) Carbon disulfide	2.243	76	232282	46.610	ug/L	99
15) Methyl Acetate	2.375	43	79842	39.651	ug/L	# 100
16) Methylene chloride	2.449	84	81443	45.531	ug/L	95
17) trans-1,2-Dichloroethene	2.693	96	76755	46.862	ug/L	96
18) Methyl tert-butyl Ether	2.703	73	273744	46.470	ug/L	99
19) 1,1-Dichloroethane	3.111	63	155268	46.369	ug/L	98
20) cis-1,2-Dichloroethene	3.815	96	86632	47.524	ug/L	96
22) 2-Butanone	3.867	43	122134	81.663	ug/L	100
23) Bromochloromethane	4.146	128	42792	48.322	ug/L	87
25) Chloroform	4.275	83	153296	48.285	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.040	62	126029	47.526	ug/L	99
29) Cyclohexane	4.584	56	143414	45.943	ug/L	97
30) 1,1,1-Trichloroethane	4.513	97	141111	53.105	ug/L	98
31) Carbon tetrachloride	4.735	117	124980	55.103	ug/L	99
33) Benzene	5.008	78	318496	48.973	ug/L	100
34) Trichloroethene	5.831	95	84164	48.244	ug/L	96
35) Methylcyclohexane	6.047	83	145949	48.885	ug/L	96
37) 1,2-Dichloropropane	6.092	63	85371	47.703	ug/L	99
38) Bromodichloromethane	6.429	83	116811	49.894	ug/L	98
39) cis-1,3-Dichloropropene	6.950	75	144203	48.252	ug/L	98
40) 4-Methyl-2-pentanone	7.156	43	210236	79.281	ug/L	96
42) Toluene	7.314	91	341090	49.614	ug/L	99
44) trans-1,3-Dichloropropene	7.580	75	131478	47.741	ug/L	100
45) 1,1,2-Trichloroethane	7.767	97	78588	48.397	ug/L	99
46) Tetrachloroethene	7.905	164	67711	52.916	ug/L	97
48) 2-Hexanone	8.072	43	178575	84.513	ug/L	98
49) Dibromochloromethane	8.175	129	84367	49.886	ug/L	100
50) 1,2-Dibromoethane	8.281	107	80665	47.007	ug/L	100
51) Chlorobenzene	8.812	112	216522	49.443	ug/L	98
52) Ethylbenzene	8.944	91	385142	48.368	ug/L	100
53) m,p-Xylene	9.072	106	144865	49.279	ug/L	100
54) o-Xylene	9.477	106	140598	48.310	ug/L	99
55) Styrene	9.493	104	241443	48.052	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.175	83	111697	43.223	ug/L	99
59) Bromoform	9.664	173	57915	47.254	ug/L	97
60) Isopropylbenzene	9.866	105	389208	49.884	ug/L	99
61) 1,2,3-Trichloropropane	10.207	75	87020	42.520	ug/L	98
62) 1,3,5-Trimethylbenzene	10.474	105	332239	49.630	ug/L	98
63) 1,2,4-Trimethylbenzene	10.850	105	332516	49.851	ug/L	99
64) 1,3-Dichlorobenzene	11.117	146	175832	49.892	ug/L	97
65) 1,4-Dichlorobenzene	11.207	146	176759	50.020	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	171257	49.733	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.365	75	23177	39.245	ug/L	92
69) 1,3,5-Trichlorobenzene	12.580	180	135665	52.093	ug/L	99
70) 1,2,4-trichlorobenzene	13.198	180	120604	51.023	ug/L	100
71) Naphthalene	13.439	128	258813	41.902	ug/L	100
72) 1,2,3-Trichlorobenzene	13.680	180	112569	51.022	ug/L	99

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

