

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW030724\
 Data File : VW034515.D
 Acq On : 06 Mar 2024 17:23
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050281

Quant Time: Mar 07 04:32:10 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022924WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 07 04:30:42 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	311091	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	293515	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	149296	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	110107	40.828	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.660%
7) Chloroethane-d5	1.532	69	91748	43.668	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.340%
11) 1,1-Dichloroethene-d2	2.056	65	50565	41.459	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.920%
21) 2-Butanone-d5	3.790	46	204664	113.483	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	113.480%
24) Chloroform-d	4.249	84	226760	47.556	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.120%
26) 1,2-Dichloroethane-d4	4.941	65	148676	47.714	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.420%
32) Benzene-d6	4.960	84	409783	46.259	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.520%
36) 1,2-Dichloropropane-d6	5.989	67	129561	47.925	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.860%
41) Toluene-d8	7.243	98	369792	46.129	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.260%
43) trans-1,3-Dichloroprop...	7.551	79	63297	46.625	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.260%
47) 2-Hexanone-d5	8.024	63	150523	111.502	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	111.500%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	178476	50.167	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.340%
66) 1,2-Dichlorobenzene-d4	11.561	152	140946	46.187	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.380%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	150579	46.146	ug/L	98
3) Chloromethane	1.214	50	151384	47.213	ug/L	99
5) Vinyl chloride	1.282	62	147706	47.456	ug/L	98
6) Bromomethane	1.487	94	90904	48.679	ug/L	100
8) Chloroethane	1.548	64	85105	46.004	ug/L	99
9) Trichlorofluoromethane	1.712	101	217297	46.621	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	115258	45.881	ug/L	99
12) 1,1-Dichloroethene	2.069	96	107334	46.077	ug/L	94
13) Acetone	2.124	43	169209	78.046	ug/L	99
14) Carbon disulfide	2.240	76	305798	47.302	ug/L	99
15) Methyl Acetate	2.375	43	153601	55.378	ug/L	100
16) Methylene chloride	2.446	84	123575	50.012	ug/L	98
17) trans-1,2-Dichloroethene	2.693	96	108839	48.273	ug/L	97
18) Methyl tert-butyl Ether	2.703	73	407754	50.360	ug/L	100
19) 1,1-Dichloroethane	3.111	63	224509	50.832	ug/L	100
20) cis-1,2-Dichloroethene	3.815	96	124301	50.812	ug/L	95
22) 2-Butanone	3.873	43	201391	94.067	ug/L	95
23) Bromochloromethane	4.146	128	64506	50.994	ug/L	96
25) Chloroform	4.275	83	227010	49.589	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.040	62	186685	50.193	ug/L	100
29) Cyclohexane	4.580	56	185433	48.031	ug/L	98
30) 1,1,1-Trichloroethane	4.510	97	205707	48.874	ug/L	100
31) Carbon tetrachloride	4.735	117	177261	47.569	ug/L	100
33) Benzene	5.008	78	451365	49.542	ug/L	100
34) Trichloroethene	5.831	95	128264	49.527	ug/L	98
35) Methylcyclohexane	6.050	83	189946	48.245	ug/L	98
37) 1,2-Dichloropropane	6.092	63	120691	50.598	ug/L	99
38) Bromodichloromethane	6.433	83	165415	49.302	ug/L	98
39) cis-1,3-Dichloropropene	6.953	75	184790	47.816	ug/L	98
40) 4-Methyl-2-pentanone	7.156	43	384128	109.213	ug/L	98
42) Toluene	7.314	91	475537	49.318	ug/L	99
44) trans-1,3-Dichloropropene	7.580	75	184747	49.705	ug/L	100
45) 1,1,2-Trichloroethane	7.767	97	118198	51.358	ug/L	99
46) Tetrachloroethene	7.905	164	91145	47.324	ug/L	99
48) 2-Hexanone	8.076	43	303570	108.314	ug/L	98
49) Dibromochloromethane	8.175	129	119345	49.140	ug/L	97
50) 1,2-Dibromoethane	8.281	107	123940	50.749	ug/L	98
51) Chlorobenzene	8.812	112	302209	48.481	ug/L	99
52) Ethylbenzene	8.947	91	532513	49.288	ug/L	100
53) m,p-Xylene	9.072	106	197084	48.071	ug/L	99
54) o-Xylene	9.477	106	196614	48.974	ug/L	98
55) Styrene	9.497	104	338889	49.856	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.178	83	173099	50.076	ug/L	99
59) Bromoform	9.664	173	81306	49.120	ug/L	99
60) Isopropylbenzene	9.866	105	536647	50.824	ug/L	100
61) 1,2,3-Trichloropropane	10.207	75	152025	53.344	ug/L	99
62) 1,3,5-Trimethylbenzene	10.474	105	444903	49.950	ug/L	99
63) 1,2,4-Trimethylbenzene	10.850	105	448793	50.945	ug/L	100
64) 1,3-Dichlorobenzene	11.117	146	236633	48.470	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	236239	47.651	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	238094	48.670	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.365	75	44772	52.739	ug/L	94
69) 1,3,5-Trichlorobenzene	12.583	180	171843	46.920	ug/L	99
70) 1,2,4-trichlorobenzene	13.198	180	154477	46.875	ug/L	96
71) Naphthalene	13.439	128	470750	53.402	ug/L	100
72) 1,2,3-Trichlorobenzene	13.680	180	162423	50.522	ug/L	99

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

