

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW050124\
 Data File : VW035509.D
 Acq On : 01 May 2024 20:10
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050347

Quant Time: May 02 01:31:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050124WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu May 02 01:07:15 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	516866	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	508708	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	275378	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	177840	44.624	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.240%
7) Chloroethane-d5	1.529	69	145195	49.438	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.880%
11) 1,1-Dichloroethene-d2	2.057	65	77679	45.406	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.820%
21) 2-Butanone-d5	3.790	46	259432	96.455	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.450%
24) Chloroform-d	4.246	84	349417	47.799	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.600%
26) 1,2-Dichloroethane-d4	4.937	65	204442	47.490	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.980%
32) Benzene-d6	4.957	84	682758	47.682	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.360%
36) 1,2-Dichloropropane-d6	5.986	67	208857	46.781	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.560%
41) Toluene-d8	7.240	98	637127	48.883	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.760%
43) trans-1,3-Dichloroprop...	7.551	79	102881	47.281	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.560%
47) 2-Hexanone-d5	8.024	63	202043	98.479	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.480%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	323713	47.584	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.160%
66) 1,2-Dichlorobenzene-d4	11.558	152	252067	46.072	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.140%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	162453	46.916	ug/L	100
3) Chloromethane	1.214	50	169583	45.208	ug/L	98
5) Vinyl chloride	1.282	62	185577	46.977	ug/L	100
6) Bromomethane	1.484	94	120346	47.914	ug/L	98
8) Chloroethane	1.545	64	119512	52.618	ug/L	98
9) Trichlorofluoromethane	1.709	101	254943	47.970	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	158893	47.168	ug/L	98
12) 1,1-Dichloroethene	2.066	96	142148	47.241	ug/L	90
13) Acetone	2.121	43	190513	76.510	ug/L	100
14) Carbon disulfide	2.237	76	363449	45.979	ug/L	99
15) Methyl Acetate	2.375	43	194066	48.045	ug/L	100
16) Methylene chloride	2.446	84	180146	47.249	ug/L	99
17) trans-1,2-Dichloroethene	2.693	96	155447	48.875	ug/L	97
18) Methyl tert-butyl Ether	2.703	73	549833	49.157	ug/L	100
19) 1,1-Dichloroethane	3.108	63	320472	47.986	ug/L	98
20) cis-1,2-Dichloroethene	3.812	96	184474	48.767	ug/L	99
22) 2-Butanone	3.870	43	265257	89.987	ug/L	98
23) Bromochloromethane	4.146	128	100096	48.383	ug/L	99
25) Chloroform	4.272	83	333813	48.426	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	246842	50.036	ug/L	100
29) Cyclohexane	4.581	56	219443	48.315	ug/L	99
30) 1,1,1-Trichloroethane	4.510	97	284537	48.874	ug/L	98
31) Carbon tetrachloride	4.732	117	243442	48.361	ug/L	99
33) Benzene	5.008	78	671383	48.874	ug/L	100
34) Trichloroethene	5.831	95	177498	48.555	ug/L	99
35) Methylcyclohexane	6.047	83	245598	47.624	ug/L	99
37) 1,2-Dichloropropane	6.092	63	183274	48.559	ug/L	98
38) Bromodichloromethane	6.429	83	255290	49.165	ug/L	99
39) cis-1,3-Dichloropropene	6.953	75	295093	49.806	ug/L	99
40) 4-Methyl-2-pentanone	7.153	43	515561	102.333	ug/L	99
42) Toluene	7.314	91	722184	50.111	ug/L	100
44) trans-1,3-Dichloropropene	7.577	75	282915	50.271	ug/L	98
45) 1,1,2-Trichloroethane	7.767	97	199548	49.435	ug/L	99
46) Tetrachloroethene	7.902	164	140975	47.746	ug/L	99
48) 2-Hexanone	8.072	43	408617	99.681	ug/L	99
49) Dibromochloromethane	8.175	129	204767	48.462	ug/L	98
50) 1,2-Dibromoethane	8.281	107	208474	49.433	ug/L	100
51) Chlorobenzene	8.812	112	488765	48.855	ug/L	100
52) Ethylbenzene	8.944	91	784546	50.390	ug/L	99
53) m,p-Xylene	9.069	106	297437	51.497	ug/L	98
54) o-Xylene	9.477	106	292585	50.272	ug/L	99
55) Styrene	9.494	104	534515	53.139	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.175	83	334042	48.366	ug/L	99
59) Bromoform	9.664	173	172125	48.325	ug/L	98
60) Isopropylbenzene	9.867	105	802429	50.460	ug/L	99
61) 1,2,3-Trichloropropane	10.207	75	260073	47.076	ug/L	99
62) 1,3,5-Trimethylbenzene	10.474	105	646571	50.803	ug/L	99
63) 1,2,4-Trimethylbenzene	10.850	105	653179	51.182	ug/L	99
64) 1,3-Dichlorobenzene	11.114	146	398970	48.451	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	410904	47.290	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	413576	48.006	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.362	75	79857	49.082	ug/L	98
69) 1,3,5-Trichlorobenzene	12.580	180	303021	48.481	ug/L	100
70) 1,2,4-trichlorobenzene	13.194	180	279286	50.723	ug/L	99
71) Naphthalene	13.435	128	862550	55.893	ug/L	100
72) 1,2,3-Trichlorobenzene	13.677	180	303557	53.113	ug/L	99

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

