

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW022924\
 Data File : VW034471.D
 Acq On : 29 Feb 2024 09:57
 Operator : SY/MD
 Sample : VSTD05031
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050231

Quant Time: Mar 01 00:58:12 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022924WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 01 00:56:28 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	326188	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	302398	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	158470	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	143354	56.176	ug/L	0.00
7) Chloroethane-d5	1.529	69	113724	55.737	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.060	65	65030	57.950	ug/L	0.00
21) 2-Butanone-d5	3.783	46	197857	111.553	ug/L	0.00
24) Chloroform-d	4.246	84	251746	54.632	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.941	65	166405	55.639	ug/L	0.00
32) Benzene-d6	4.957	84	468378	53.722	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.986	67	139742	49.684	ug/L	0.00
41) Toluene-d8	7.240	98	423848	53.993	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.551	79	72071	51.472	ug/L	0.00
47) 2-Hexanone-d5	8.021	63	149198	121.197	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.149	84	185614	50.987	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.558	152	159657	52.394	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.105	85	175590	60.418	ug/L	100
3) Chloromethane	1.217	50	170131	53.645	ug/L	100
5) Vinyl chloride	1.285	62	166447	54.644	ug/L	100
6) Bromomethane	1.484	94	97246	59.701	ug/L	100
8) Chloroethane	1.545	64	99468	54.856	ug/L	100
9) Trichlorofluoromethane	1.712	101	249280	65.094	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	134240	60.792	ug/L	100
12) 1,1-Dichloroethene	2.069	96	124208	60.037	ug/L	100
13) Acetone	2.114	43	231173	131.297	ug/L	100
14) Carbon disulfide	2.240	76	347507	51.683	ug/L	100
15) Methyl Acetate	2.372	43	154421	56.084	ug/L	100
16) Methylene chloride	2.446	84	132049	53.882	ug/L	100
17) trans-1,2-Dichloroethene	2.693	96	120607	53.814	ug/L	100
18) Methyl tert-butyl Ether	2.703	73	440221	54.645	ug/L	100
19) 1,1-Dichloroethane	3.111	63	241161	53.162	ug/L	100
20) cis-1,2-Dichloroethene	3.812	96	133858	53.833	ug/L	100
22) 2-Butanone	3.864	43	230652	112.963	ug/L	100
23) Bromochloromethane	4.146	128	69786	56.849	ug/L	100
25) Chloroform	4.275	83	246406	56.280	ug/L	100
27) 1,2-Dichloroethane	5.037	62	204463	55.945	ug/L	100
29) Cyclohexane	4.581	56	208159	49.161	ug/L	100
30) 1,1,1-Trichloroethane	4.510	97	226121	59.529	ug/L	100
31) Carbon tetrachloride	4.735	117	197642	60.631	ug/L	100
33) Benzene	5.008	78	493034	54.567	ug/L	100
34) Trichloroethene	5.831	95	136640	55.897	ug/L	100
35) Methylcyclohexane	6.050	83	213287	51.886	ug/L	100
37) 1,2-Dichloropropane	6.092	63	128716	52.501	ug/L	100
38) Bromodichloromethane	6.429	83	180622	55.172	ug/L	100
39) cis-1,3-Dichloropropene	6.950	75	216533	52.322	ug/L	100
40) 4-Methyl-2-pentanone	7.153	43	388034	106.533	ug/L	100
42) Toluene	7.314	91	521122	54.452	ug/L	100
44) trans-1,3-Dichloropropene	7.580	75	205617	54.211	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.767	97	123616	54.823	ug/L	100
46) Tetrachloroethene	7.905	164	102023	56.560	ug/L	100
48) 2-Hexanone	8.072	43	318956	109.459	ug/L	100
49) Dibromochloromethane	8.175	129	130576	55.146	ug/L	100
50) 1,2-Dibromoethane	8.281	107	132033	55.265	ug/L	100
51) Chlorobenzene	8.812	112	327835	53.986	ug/L	100
52) Ethylbenzene	8.944	91	583533	52.986	ug/L	100
53) m,p-Xylene	9.072	106	217329	53.548	ug/L	100
54) o-Xylene	9.477	106	215790	53.501	ug/L	100
55) Styrene	9.494	104	371581	53.525	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.175	83	184036	51.740	ug/L	100
59) Bromoform	9.664	173	91835	53.879	ug/L	100
60) Isopropylbenzene	9.867	105	591476	54.260	ug/L	100
61) 1,2,3-Trichloropropane	10.207	75	155754	54.426	ug/L	100
62) 1,3,5-Trimethylbenzene	10.474	105	501804	53.667	ug/L	100
63) 1,2,4-Trimethylbenzene	10.850	105	494997	53.384	ug/L	100
64) 1,3-Dichlorobenzene	11.114	146	267250	54.114	ug/L	100
65) 1,4-Dichlorobenzene	11.207	146	266565	53.828	ug/L	100
67) 1,2-Dichlorobenzene	11.577	146	264194	54.610	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.362	75	47530	57.211	ug/L	100
69) 1,3,5-Trichlorobenzene	12.580	180	201966	55.194	ug/L	100
70) 1,2,4-trichlorobenzene	13.198	180	184124	55.311	ug/L	100
71) Naphthalene	13.435	128	521710	59.105	ug/L	100
72) 1,2,3-Trichlorobenzene	13.680	180	184827	58.809	ug/L	100

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

