

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW022924\
 Data File : VW034473.D
 Acq On : 29 Feb 2024 10:45
 Operator : SY/MD
 Sample : VSTD20033
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD200233

Quant Time: Mar 01 00:59:17 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	311901	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	290523	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	158276	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	555919	227.828	ug/L	0.00
7) Chloroethane-d5	1.526	69	406617	208.414	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.057	65	253665	236.400	ug/L	0.00
21) 2-Butanone-d5	3.780	46	799169	471.214	ug/L	0.00
24) Chloroform-d	4.246	84	980766	222.589	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.937	65	661454	231.294	ug/L	0.00
32) Benzene-d6	4.957	84	1830518	218.538	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.986	67	555388	205.534	ug/L	0.00
41) Toluene-d8	7.243	98	1662219	220.400	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.548	79	306440	227.801	ug/L	0.00
47) 2-Hexanone-d5	8.024	63	617446	522.068	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.153	84	747103	213.614	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.561	152	685115	225.108	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.105	85	627798	225.910	ug/L	99
3) Chloromethane	1.217	50	609909	201.122	ug/L	100
5) Vinyl chloride	1.282	62	606447	208.216	ug/L	100
6) Bromomethane	1.487	94	371256	238.359	ug/L	100
8) Chloroethane	1.542	64	325854	187.938	ug/L	98
9) Trichlorofluoromethane	1.709	101	917784	250.636	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	487038	230.662	ug/L	99
12) 1,1-Dichloroethene	2.066	96	456983	231.004	ug/L	94
13) Acetone	2.118	43	795318	472.400	ug/L	100
14) Carbon disulfide	2.237	76	1315495	204.608	ug/L	100
15) Methyl Acetate	2.372	43	568988	216.116	ug/L	98
16) Methylene chloride	2.446	84	475069	202.730	ug/L	97
17) trans-1,2-Dichloroethene	2.690	96	441985	206.243	ug/L	97
18) Methyl tert-butyl Ether	2.703	73	1634442	212.178	ug/L	99
19) 1,1-Dichloroethane	3.108	63	865664	199.570	ug/L	99
20) cis-1,2-Dichloroethene	3.809	96	495602	208.442	ug/L	96
22) 2-Butanone	3.860	43	841391	430.949	ug/L	95
23) Bromochloromethane	4.143	128	255519	217.684	ug/L	97
25) Chloroform	4.272	83	884816	211.351	ug/L	100
27) 1,2-Dichloroethane	5.037	62	753033	215.481	ug/L	100
29) Cyclohexane	4.581	56	753306	185.180	ug/L	99
30) 1,1,1-Trichloroethane	4.510	97	823100	225.548	ug/L	100
31) Carbon tetrachloride	4.732	117	732466	233.885	ug/L	99
33) Benzene	5.008	78	1786534	205.808	ug/L	100
34) Trichloroethene	5.828	95	501731	213.639	ug/L	97
35) Methylcyclohexane	6.050	83	776863	196.709	ug/L	99
37) 1,2-Dichloropropane	6.092	63	469111	199.164	ug/L	100
38) Bromodichloromethane	6.429	83	667641	212.271	ug/L	100
39) cis-1,3-Dichloropropene	6.950	75	807185	203.017	ug/L	97
40) 4-Methyl-2-pentanone	7.156	43	1442304	412.163	ug/L	99
42) Toluene	7.314	91	1906212	207.322	ug/L	99
44) trans-1,3-Dichloropropene	7.577	75	791133	217.107	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.767	97	450054	207.754	ug/L	99
46) Tetrachloroethene	7.902	164	374373	216.029	ug/L	99
48) 2-Hexanone	8.076	43	1160443	414.516	ug/L	98
49) Dibromochloromethane	8.175	129	498928	219.324	ug/L	100
50) 1,2-Dibromoethane	8.278	107	479329	208.835	ug/L	100
51) Chlorobenzene	8.812	112	1233600	211.444	ug/L	99
52) Ethylbenzene	8.944	91	2181129	206.144	ug/L	100
53) m,p-Xylene	9.072	106	817785	209.733	ug/L	99
54) o-Xylene	9.477	106	803275	207.299	ug/L	98
55) Styrene	9.494	104	1385355	207.711	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.178	83	686332	200.843	ug/L	100
59) Bromoform	9.664	173	378766	222.490	ug/L	100
60) Isopropylbenzene	9.867	105	2189443	201.100	ug/L	99
61) 1,2,3-Trichloropropane	10.207	75	576399	201.663	ug/L	99
62) 1,3,5-Trimethylbenzene	10.474	105	1897741	203.210	ug/L	98
63) 1,2,4-Trimethylbenzene	10.850	105	1907642	205.984	ug/L	99
64) 1,3-Dichlorobenzene	11.114	146	1030660	208.948	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	1051106	212.513	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	1030256	213.221	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.362	75	188767	227.496	ug/L	99
69) 1,3,5-Trichlorobenzene	12.580	180	810876	221.872	ug/L	99
70) 1,2,4-trichlorobenzene	13.198	180	725314	218.152	ug/L	98
71) Naphthalene	13.435	128	2087809	236.820	ug/L	100
72) 1,2,3-Trichlorobenzene	13.680	180	697465	222.193	ug/L	100

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

