

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092624\
 Data File : VV037537.D
 Acq On : 26 Sep 2024 09:50
 Operator : SY/MD
 Sample : VSTD20004
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD200204

Quant Time: Sep 27 00:16:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 27 00:13:08 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	698870	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	680493	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	374950	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	1319892	215.143	ug/L	0.00
7) Chloroethane-d5	1.529	69	1012609	212.642	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.056	65	551345	215.106	ug/L	0.00
21) 2-Butanone-d5	3.786	46	983545	460.210	ug/L	0.00
24) Chloroform-d	4.240	84	2321489	212.691	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.934	65	1339215	209.621	ug/L	0.00
32) Benzene-d6	4.953	84	4530083	212.740	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.982	67	1436377	204.963	ug/L	0.00
41) Toluene-d8	7.236	98	4223171	218.718	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.545	79	726601	230.676	ug/L	0.00
47) 2-Hexanone-d5	8.018	63	715621	519.969	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.146	84	1651861	209.664	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.554	152	1663832	210.586	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.108	85	1213591	203.981	ug/L	100
3) Chloromethane	1.217	50	1177787	203.909	ug/L	99
5) Vinyl chloride	1.285	62	1274428	205.807	ug/L	100
6) Bromomethane	1.481	94	734044	213.604	ug/L	99
8) Chloroethane	1.545	64	776873	203.546	ug/L	100
9) Trichlorofluoromethane	1.712	101	1700905	204.060	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	1002939	201.358	ug/L	99
12) 1,1-Dichloroethene	2.069	96	956973	205.680	ug/L	88
13) Acetone	2.111	43	803743	375.209	ug/L	100
14) Carbon disulfide	2.240	76	2954378	203.425	ug/L	100
15) Methyl Acetate	2.368	43	768760	205.645	ug/L	99
16) Methylene chloride	2.442	84	1049266	199.172	ug/L	99
17) trans-1,2-Dichloroethene	2.690	96	1008150	204.819	ug/L	98
18) Methyl tert-butyl Ether	2.703	73	2970365	210.341	ug/L	100
19) 1,1-Dichloroethane	3.105	63	1904489	201.946	ug/L	100
20) cis-1,2-Dichloroethene	3.806	96	1197837	217.467	ug/L	99
22) 2-Butanone	3.867	43	1009980	438.553	ug/L	100
23) Bromochloromethane	4.137	128	587430	206.170	ug/L	99
25) Chloroform	4.269	83	1978398	202.619	ug/L	100
27) 1,2-Dichloroethane	5.034	62	1445484	209.702	ug/L	99
29) Cyclohexane	4.574	56	1656345	214.377	ug/L	99
30) 1,1,1-Trichloroethane	4.503	97	1726387	205.984	ug/L	99
31) Carbon tetrachloride	4.725	117	1505468	206.606	ug/L	100
33) Benzene	5.002	78	4241760	206.684	ug/L	100
34) Trichloroethene	5.825	95	1145105	209.516	ug/L	98
35) Methylcyclohexane	6.043	83	1799121	213.978	ug/L	100
37) 1,2-Dichloropropane	6.085	63	1119302	211.200	ug/L	99
38) Bromodichloromethane	6.426	83	1502616	212.101	ug/L	99
39) cis-1,3-Dichloropropene	6.947	75	1925407	227.599	ug/L	99
40) 4-Methyl-2-pentanone	7.153	43	1939991	457.669	ug/L	98
42) Toluene	7.307	91	4558879	214.274	ug/L	100
44) trans-1,3-Dichloropropene	7.574	75	1756554	230.632	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.760	97	1058743	208.058	ug/L	99
46) Tetrachloroethene	7.899	164	861496	206.161	ug/L	98
48) 2-Hexanone	8.069	43	1446076	459.670	ug/L	97
49) Dibromochloromethane	8.169	129	1163028	215.946	ug/L	98
50) 1,2-Dibromoethane	8.275	107	1106329	210.322	ug/L	99
51) Chlorobenzene	8.805	112	2998589	206.867	ug/L	99
52) Ethylbenzene	8.940	91	5196281	216.970	ug/L	100
53) m,p-Xylene	9.066	106	1996491	223.993	ug/L	100
54) o-Xylene	9.471	106	1957692	224.975	ug/L	96
55) Styrene	9.487	104	3430339	226.446	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.169	83	1488754	209.840	ug/L	98
59) Bromoform	9.657	173	799321	218.116	ug/L	98
60) Isopropylbenzene	9.860	105	5217686	214.041	ug/L	99
61) 1,2,3-Trichloropropane	10.201	75	1069294	200.416	ug/L	99
62) 1,3,5-Trimethylbenzene	10.468	105	4400659	228.337	ug/L	100
63) 1,2,4-Trimethylbenzene	10.844	105	4411127	230.038	ug/L	99
64) 1,3-Dichlorobenzene	11.108	146	2460786	209.724	ug/L	98
65) 1,4-Dichlorobenzene	11.201	146	2513217	205.700	ug/L	100
67) 1,2-Dichlorobenzene	11.571	146	2397946	206.733	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.355	75	284236	219.464	ug/L	99
69) 1,3,5-Trichlorobenzene	12.574	180	1760707	218.210	ug/L	100
70) 1,2,4-trichlorobenzene	13.191	180	1689333	225.657	ug/L	100
71) Naphthalene	13.429	128	4585094	234.422	ug/L	99
72) 1,2,3-Trichlorobenzene	13.670	180	1617206	218.752	ug/L	99

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

