

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102524\
 Data File : VX043515.D
 Acq On : 25 Oct 2024 11:43
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050774

Quant Time: Oct 26 01:31:38 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML102524WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 26 00:05:57 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	282298	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	252019	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	121610	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	75189	48.962	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	97.920%
7) Chloroethane-d5	1.666	69	64139	52.153	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	104.300%
11) 1,1-Dichloroethene-d2	2.306	65	37006	51.030	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	102.060%
21) 2-Butanone-d5	4.458	46	128600	100.533	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	100.530%
24) Chloroform-d	5.056	84	184235	51.872	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.740%
26) 1,2-Dichloroethane-d4	5.952	65	122335	51.262	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.520%
32) Benzene-d6	5.970	84	329601	51.520	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.040%
36) 1,2-Dichloropropane-d6	7.305	67	105051	52.751	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.500%
41) Toluene-d8	8.646	98	303617	51.838	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.680%
43) trans-1,3-Dichloroprop...	8.951	79	54198	51.730	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	103.460%
47) 2-Hexanone-d5	9.384	63	108123	109.469	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	109.470%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	157399	53.091	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	106.180%
66) 1,2-Dichlorobenzene-d4	12.317	152	114041	51.665	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.340%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	108083	49.296	ug/L	100
3) Chloromethane	1.300	50	100182	49.678	ug/L	98
5) Vinyl chloride	1.373	62	98996	49.657	ug/L	96
6) Bromomethane	1.605	94	64785	55.055	ug/L	99
8) Chloroethane	1.684	64	60048	50.797	ug/L	98
9) Trichlorofluoromethane	1.885	101	144799	48.686	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	86263	48.434	ug/L	99
12) 1,1-Dichloroethene	2.318	96	78285	50.168	ug/L	95
13) Acetone	2.379	43	109535	94.051	ug/L	98
14) Carbon disulfide	2.513	76	195700	50.993	ug/L	100
15) Methyl Acetate	2.702	43	111712	51.528	ug/L	99
16) Methylene chloride	2.788	84	92979	51.442	ug/L	99
17) trans-1,2-Dichloroethene	3.093	96	83277	50.750	ug/L	95
18) Methyl tert-butyl Ether	3.111	73	321031	52.663	ug/L	99
19) 1,1-Dichloroethane	3.611	63	166520	51.473	ug/L	100
20) cis-1,2-Dichloroethene	4.489	96	101404	51.794	ug/L	99
22) 2-Butanone	4.556	43	163189	106.427	ug/L	98
23) Bromochloromethane	4.897	128	52272	50.963	ug/L	95
25) Chloroform	5.092	83	180667	51.580	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.086	62	146717	51.647	ug/L	99
29) Cyclohexane	5.464	56	142135	49.249	ug/L	99
30) 1,1,1-Trichloroethane	5.385	97	156902	50.475	ug/L	99
31) Carbon tetrachloride	5.677	117	132445	49.636	ug/L	100
33) Benzene	6.037	78	356167	51.800	ug/L	100
34) Trichloroethene	7.122	95	96190	50.935	ug/L	98
35) Methylcyclohexane	7.378	83	143730	49.462	ug/L	99
37) 1,2-Dichloropropane	7.427	63	95522	52.144	ug/L	99
38) Bromodichloromethane	7.817	83	132244	52.436	ug/L	97
39) cis-1,3-Dichloropropene	8.366	75	161816	53.437	ug/L	99
40) 4-Methyl-2-pentanone	8.573	43	309556	108.456	ug/L	99
42) Toluene	8.714	91	379703	52.169	ug/L	98
44) trans-1,3-Dichloropropene	8.976	75	155142	54.711	ug/L	98
45) 1,1,2-Trichloroethane	9.152	97	98000	51.959	ug/L	99
46) Tetrachloroethene	9.274	164	68760	50.798	ug/L	95
48) 2-Hexanone	9.427	43	237581	108.969	ug/L	98
49) Dibromochloromethane	9.518	129	101415	54.325	ug/L	98
50) 1,2-Dibromoethane	9.610	107	107570	53.382	ug/L	96
51) Chlorobenzene	10.079	112	248510	51.713	ug/L	99
52) Ethylbenzene	10.195	91	420504	51.499	ug/L	97
53) m,p-Xylene	10.299	106	160043	52.422	ug/L	99
54) o-Xylene	10.640	106	158692	51.899	ug/L	99
55) Styrene	10.652	104	277426	54.002	ug/L	99
57) 1,1,2,2-Tetrachloroethane	11.213	83	157501	52.919	ug/L	100
59) Bromoform	10.799	173	68192	51.988	ug/L	99
60) Isopropylbenzene	10.963	105	421865	50.490	ug/L	99
61) 1,2,3-Trichloropropane	11.237	75	124998	51.727	ug/L	100
62) 1,3,5-Trimethylbenzene	11.451	105	354766	51.761	ug/L	100
63) 1,2,4-Trimethylbenzene	11.750	105	353412	51.503	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	189325	52.202	ug/L	98
65) 1,4-Dichlorobenzene	12.042	146	191027	51.729	ug/L	96
67) 1,2-Dichlorobenzene	12.335	146	187637	52.036	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.938	75	36667	53.514	ug/L	98
69) 1,3,5-Trichlorobenzene	13.109	180	126266	51.817	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	120891	52.967	ug/L	99
71) Naphthalene	13.774	128	459503	53.323	ug/L	100
72) 1,2,3-Trichlorobenzene	13.956	180	121980	53.415	ug/L	97

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

