

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120523\
 Data File : VX039078.D
 Acq On : 05 Dec 2023 12:35
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VICV661

Quant Time: Dec 06 02:25:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML120523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Dec 06 02:19:46 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	256830	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	240559	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	122108	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	99477	49.382	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	98.760%
7) Chloroethane-d5	1.666	69	74436	49.992	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.980%
11) 1,1-Dichloroethene-d2	2.307	65	44677	50.525	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.040%
21) 2-Butanone-d5	4.446	46	186638	102.354	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.350%
24) Chloroform-d	5.056	84	182113	51.069	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.140%
26) 1,2-Dichloroethane-d4	5.952	65	114683	49.658	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.320%
32) Benzene-d6	5.971	84	373737	50.341	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.680%
36) 1,2-Dichloropropane-d6	7.306	67	121126	50.697	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.400%
41) Toluene-d8	8.647	98	335638	49.887	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.780%
43) trans-1,3-Dichloroprop...	8.946	79	61019	50.186	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.380%
47) 2-Hexanone-d5	9.378	63	146995	103.009	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.010%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	173011	51.045	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.100%
66) 1,2-Dichlorobenzene-d4	12.317	152	117308	50.825	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.660%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	110855	54.124	ug/L	100
3) Chloromethane	1.295	50	110815	51.764	ug/L	100
5) Vinyl chloride	1.374	62	111597	52.892	ug/L	99
6) Bromomethane	1.605	94	67709	59.454	ug/L	100
8) Chloroethane	1.685	64	63502	53.237	ug/L	99
9) Trichlorofluoromethane	1.886	101	146272	53.492	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	96544	54.887	ug/L	99
12) 1,1-Dichloroethene	2.319	96	89460	54.070	ug/L	94
13) Acetone	2.374	43	173221	98.885	ug/L	99
14) Carbon disulfide	2.514	76	285807	54.285	ug/L	98
15) Methyl Acetate	2.697	43	135120	53.965	ug/L	99
16) Methylene chloride	2.788	84	99701	52.448	ug/L	99
17) trans-1,2-Dichloroethene	3.093	96	94456	54.183	ug/L	98
18) Methyl tert-butyl Ether	3.111	73	322055	53.074	ug/L	99
19) 1,1-Dichloroethane	3.605	63	182993	53.088	ug/L	97
20) cis-1,2-Dichloroethene	4.483	96	107535	53.182	ug/L	99
22) 2-Butanone	4.544	43	222957	103.709	ug/L	100
23) Bromochloromethane	4.898	128	50356	52.978	ug/L	94
25) Chloroform	5.093	83	181666	52.839	ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120523\
 Data File : VX039078.D
 Acq On : 05 Dec 2023 12:35
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VICV661

Quant Time: Dec 06 02:25:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML120523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Dec 06 02:19:46 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.086	62	145621	53.664	ug/L	96
29) Cyclohexane	5.465	56	182489	54.229	ug/L	97
30) 1,1,1-Trichloroethane	5.379	97	155190	53.170	ug/L	99
31) Carbon tetrachloride	5.672	117	129123	53.024	ug/L	100
33) Benzene	6.038	78	405956	53.102	ug/L	100
34) Trichloroethene	7.123	95	108935	53.920	ug/L	98
35) Methylcyclohexane	7.379	83	184977	54.975	ug/L	99
37) 1,2-Dichloropropane	7.428	63	113247	53.414	ug/L	100
38) Bromodichloromethane	7.818	83	136365	52.880	ug/L	96
39) cis-1,3-Dichloropropene	8.366	75	179238	53.005	ug/L	99
40) 4-Methyl-2-pentanone	8.568	43	381271	107.298	ug/L	100
42) Toluene	8.714	91	430093	53.054	ug/L	99
44) trans-1,3-Dichloropropene	8.976	75	169867	54.132	ug/L	100
45) 1,1,2-Trichloroethane	9.147	97	102398	52.701	ug/L	99
46) Tetrachloroethene	9.275	164	73585	55.213	ug/L	97
48) 2-Hexanone	9.427	43	322251	108.355	ug/L	99
49) Dibromochloromethane	9.519	129	101746	53.752	ug/L	98
50) 1,2-Dibromoethane	9.610	107	111435	53.534	ug/L	98
51) Chlorobenzene	10.080	112	267814	53.483	ug/L	99
52) Ethylbenzene	10.189	91	487540	53.795	ug/L	100
53) m,p-Xylene	10.299	106	182520	53.864	ug/L	98
54) o-Xylene	10.640	106	175965	54.119	ug/L	100
55) Styrene	10.653	104	300502	54.014	ug/L	99
57) 1,1,2,2-Tetrachloroethane	11.207	83	178749	52.714	ug/L	98
59) Bromoform	10.799	173	75299	52.470	ug/L	100
60) Isopropylbenzene	10.964	105	479321	53.720	ug/L	100
61) 1,2,3-Trichloropropane	11.238	75	137284	51.323	ug/L	100
62) 1,3,5-Trimethylbenzene	11.451	105	405830	53.875	ug/L	99
63) 1,2,4-Trimethylbenzene	11.750	105	398651	53.971	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	201039	52.642	ug/L	98
65) 1,4-Dichlorobenzene	12.043	146	205436	53.085	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	194120	53.137	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.939	75	43560	52.179	ug/L	96
69) 1,3,5-Trichlorobenzene	13.110	180	137773	54.550	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	129432	54.361	ug/L	98
71) Naphthalene	13.774	128	436820	53.495	ug/L	100
72) 1,2,3-Trichlorobenzene	13.957	180	123799	53.699	ug/L	99

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

