

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120523\
 Data File : VX039083.D
 Acq On : 05 Dec 2023 15:18
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050698

Quant Time: Dec 06 02:31:33 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	264454	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.049	117	248041	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	124349	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	111369	53.692	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	= 107.380%	
7) Chloroethane-d5	1.666	69	81666	53.266	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	= 106.540%	
11) 1,1-Dichloroethene-d2	2.307	65	49232	54.071	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 108.140%	
21) 2-Butanone-d5	4.440	46	209245	111.443	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	= 111.440%	
24) Chloroform-d	5.050	84	197975	53.917	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 107.840%	
26) 1,2-Dichloroethane-d4	5.946	65	125446	52.752	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 105.500%	
32) Benzene-d6	5.964	84	410653	53.645	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 107.280%	
36) 1,2-Dichloropropane-d6	7.306	67	132338	53.719	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	= 107.440%	
41) Toluene-d8	8.647	98	368401	53.105	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 106.200%	
43) trans-1,3-Dichloroprop...	8.946	79	67550	53.882	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 107.760%	
47) 2-Hexanone-d5	9.378	63	162335	110.327	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	= 110.330%	
56) 1,1,2,2-Tetrachloroeth...	11.189	84	191466	54.786	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	= 109.580%	
66) 1,2-Dichlorobenzene-d4	12.317	152	126709	53.909	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 107.820%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	105524	50.036	ug/L	100
3) Chloromethane	1.295	50	107078	48.576	ug/L	98
5) Vinyl chloride	1.374	62	105249	48.445	ug/L	96
6) Bromomethane	1.605	94	64435	54.948	ug/L	96
8) Chloroethane	1.685	64	61618	50.168	ug/L	98
9) Trichlorofluoromethane	1.886	101	139555	49.564	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	92894	51.289	ug/L	99
12) 1,1-Dichloroethene	2.319	96	85908	50.426	ug/L	89
13) Acetone	2.374	43	166521	92.319	ug/L	100
14) Carbon disulfide	2.508	76	265750	49.020	ug/L	100
15) Methyl Acetate	2.697	43	128016	49.654	ug/L	100
16) Methylene chloride	2.788	84	95615	48.849	ug/L	97
17) trans-1,2-Dichloroethene	3.087	96	90618	50.483	ug/L	98
18) Methyl tert-butyl Ether	3.105	73	303633	48.596	ug/L	99
19) 1,1-Dichloroethane	3.605	63	171744	48.388	ug/L	96
20) cis-1,2-Dichloroethene	4.483	96	101224	48.618	ug/L	98
22) 2-Butanone	4.544	43	212864	96.159	ug/L	100
23) Bromochloromethane	4.891	128	47070	48.093	ug/L	99
25) Chloroform	5.087	83	171638	48.483	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.080	62	135649	48.548	ug/L	96
29) Cyclohexane	5.471	56	173529	50.011	ug/L	98
30) 1,1,1-Trichloroethane	5.379	97	147647	49.060	ug/L	99
31) Carbon tetrachloride	5.672	117	123308	49.109	ug/L	98
33) Benzene	6.031	78	380670	48.293	ug/L	100
34) Trichloroethene	7.117	95	102240	49.079	ug/L	97
35) Methylcyclohexane	7.373	83	172594	49.747	ug/L	98
37) 1,2-Dichloropropane	7.428	63	105924	48.453	ug/L	100
38) Bromodichloromethane	7.818	83	130494	49.077	ug/L #	96
39) cis-1,3-Dichloropropene	8.360	75	170017	48.762	ug/L	99
40) 4-Methyl-2-pentanone	8.568	43	363186	99.126	ug/L	99
42) Toluene	8.714	91	410584	49.120	ug/L	98
44) trans-1,3-Dichloropropene	8.976	75	160567	49.625	ug/L	100
45) 1,1,2-Trichloroethane	9.147	97	97447	48.640	ug/L	98
46) Tetrachloroethene	9.269	164	69159	50.327	ug/L	97
48) 2-Hexanone	9.427	43	307887	100.402	ug/L	99
49) Dibromochloromethane	9.519	129	96948	49.672	ug/L	99
50) 1,2-Dibromoethane	9.604	107	104510	48.692	ug/L	100
51) Chlorobenzene	10.080	112	249886	48.397	ug/L	99
52) Ethylbenzene	10.189	91	460569	49.286	ug/L	100
53) m,p-Xylene	10.299	106	172874	49.479	ug/L	97
54) o-Xylene	10.640	106	165160	49.264	ug/L	99
55) Styrene	10.653	104	285117	49.703	ug/L	100
57) 1,1,2,2-Tetrachloroethane	11.207	83	170438	48.747	ug/L	98
59) Bromoform	10.799	173	70478	48.225	ug/L	99
60) Isopropylbenzene	10.957	105	450084	49.534	ug/L	100
61) 1,2,3-Trichloropropane	11.238	75	132661	48.701	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	380417	49.591	ug/L	99
63) 1,2,4-Trimethylbenzene	11.750	105	374999	49.854	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	188618	48.499	ug/L	98
65) 1,4-Dichlorobenzene	12.043	146	192900	48.947	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	181012	48.656	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.939	75	41662	49.006	ug/L	95
69) 1,3,5-Trichlorobenzene	13.109	180	129171	50.222	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	119769	49.396	ug/L	100
71) Naphthalene	13.774	128	405400	48.753	ug/L	100
72) 1,2,3-Trichlorobenzene	13.957	180	114985	48.977	ug/L	99

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

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