

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102823\
 Data File : VX038628.D
 Acq On : 28 Oct 2023 02:36
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050697

Quant Time: Oct 28 04:46:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML102823WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 28 02:45:59 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	435299	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	423521	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	242859	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	143206	48.732	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	97.460%
7) Chloroethane-d5	1.666	69	114852	50.335	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.680%
11) 1,1-Dichloroethene-d2	2.306	65	65547	50.151	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.300%
21) 2-Butanone-d5	4.452	46	236787	103.455	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.450%
24) Chloroform-d	5.056	84	302987	50.793	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.580%
26) 1,2-Dichloroethane-d4	5.958	65	187845	49.663	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.320%
32) Benzene-d6	5.977	84	586517	51.207	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.420%
36) 1,2-Dichloropropane-d6	7.306	67	170652	51.247	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.500%
41) Toluene-d8	8.647	98	580715	50.851	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.700%
43) trans-1,3-Dichloroprop...	8.952	79	83062	51.052	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	102.100%
47) 2-Hexanone-d5	9.384	63	203210	104.351	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.350%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	280272	51.623	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.240%
66) 1,2-Dichlorobenzene-d4	12.317	152	244458	51.266	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.540%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	181492	52.397	ug/L	100
3) Chloromethane	1.294	50	139332	52.274	ug/L	99
5) Vinyl chloride	1.374	62	153481	51.957	ug/L	99
6) Bromomethane	1.605	94	116317	57.080	ug/L	99
8) Chloroethane	1.685	64	91692	51.678	ug/L	97
9) Trichlorofluoromethane	1.886	101	253727	52.524	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	154264	52.708	ug/L	98
12) 1,1-Dichloroethene	2.319	96	140414	51.776	ug/L	98
13) Acetone	2.374	43	149102	98.077	ug/L	100
14) Carbon disulfide	2.514	76	383621	51.550	ug/L	100
15) Methyl Acetate	2.703	43	161425	52.236	ug/L	99
16) Methylene chloride	2.788	84	152688	51.391	ug/L	98
17) trans-1,2-Dichloroethene	3.093	96	146421	52.184	ug/L	99
18) Methyl tert-butyl Ether	3.111	73	450798	52.631	ug/L	100
19) 1,1-Dichloroethane	3.611	63	246738	52.352	ug/L	99
20) cis-1,2-Dichloroethene	4.489	96	168450	51.869	ug/L	98
22) 2-Butanone	4.556	43	237286	104.147	ug/L	100
23) Bromochloromethane	4.904	128	89853	51.716	ug/L	96
25) Chloroform	5.093	83	285738	52.353	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.086	62	221633	52.828	ug/L	99
29) Cyclohexane	5.471	56	214991	52.432	ug/L	98
30) 1,1,1-Trichloroethane	5.385	97	249536	52.710	ug/L	100
31) Carbon tetrachloride	5.678	117	223133	52.745	ug/L	100
33) Benzene	6.037	78	589005	52.710	ug/L	100
34) Trichloroethene	7.123	95	172821	52.788	ug/L	98
35) Methylcyclohexane	7.379	83	251047	53.211	ug/L	98
37) 1,2-Dichloropropane	7.427	63	145780	52.353	ug/L	99
38) Bromodichloromethane	7.824	83	207273	53.146	ug/L	98
39) cis-1,3-Dichloropropene	8.366	75	230218	53.278	ug/L	99
40) 4-Methyl-2-pentanone	8.574	43	445698	106.469	ug/L	100
42) Toluene	8.720	91	673830	53.557	ug/L	97
44) trans-1,3-Dichloropropene	8.976	75	222159	53.870	ug/L	97
45) 1,1,2-Trichloroethane	9.153	97	165321	52.551	ug/L	98
46) Tetrachloroethene	9.275	164	143127	52.883	ug/L	98
48) 2-Hexanone	9.427	43	363081	108.411	ug/L	100
49) Dibromochloromethane	9.519	129	178538	53.800	ug/L	99
50) 1,2-Dibromoethane	9.610	107	189222	53.286	ug/L	99
51) Chlorobenzene	10.079	112	456151	52.977	ug/L	98
52) Ethylbenzene	10.195	91	760787	53.731	ug/L	100
53) m,p-Xylene	10.299	106	299867	53.513	ug/L	98
54) o-Xylene	10.640	106	292212	53.745	ug/L	99
55) Styrene	10.653	104	498466	53.918	ug/L	99
57) 1,1,2,2-Tetrachloroethane	11.213	83	275427	52.795	ug/L	98
59) Bromoform	10.799	173	142706	53.614	ug/L	100
60) Isopropylbenzene	10.963	105	781412	53.198	ug/L	100
61) 1,2,3-Trichloropropane	11.238	75	211547	52.099	ug/L	100
62) 1,3,5-Trimethylbenzene	11.451	105	662112	53.991	ug/L	100
63) 1,2,4-Trimethylbenzene	11.750	105	657369	54.406	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	383931	52.663	ug/L	98
65) 1,4-Dichlorobenzene	12.043	146	388279	51.711	ug/L	99
67) 1,2-Dichlorobenzene	12.335	146	373589	52.212	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.939	75	66072	53.686	ug/L	97
69) 1,3,5-Trichlorobenzene	13.109	180	278305	53.137	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	257376	52.281	ug/L	100
71) Naphthalene	13.774	128	784969	53.206	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	251017	52.290	ug/L	100

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

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