

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102823\
 Data File : VX038623.D
 Acq On : 28 Oct 2023 00:18
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VICV655

Quant Time: Oct 28 04:37:23 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	431941	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	418994	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	236136	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	145042	49.740	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	99.480%
7) Chloroethane-d5	1.666	69	115676	51.090	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	102.180%
11) 1,1-Dichloroethene-d2	2.306	65	63685	49.105	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.200%
21) 2-Butanone-d5	4.452	46	232955	102.572	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.570%
24) Chloroform-d	5.056	84	303085	51.205	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.400%
26) 1,2-Dichloroethane-d4	5.952	65	185199	49.344	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.680%
32) Benzene-d6	5.976	84	583976	51.536	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.080%
36) 1,2-Dichloropropane-d6	7.305	67	169869	51.563	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.120%
41) Toluene-d8	8.647	98	573401	50.753	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.500%
43) trans-1,3-Dichloroprop...	8.951	79	86845	53.954	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	107.900%
47) 2-Hexanone-d5	9.384	63	204830	106.319	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.320%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	281497	52.409	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	104.820%
66) 1,2-Dichlorobenzene-d4	12.317	152	240069	51.778	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.560%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	176556	51.369	ug/L	100
3) Chloromethane	1.300	50	136623	51.656	ug/L	100
5) Vinyl chloride	1.374	62	153475	52.359	ug/L	98
6) Bromomethane	1.605	94	116969	57.846	ug/L	98
8) Chloroethane	1.691	64	92004	52.257	ug/L	99
9) Trichlorofluoromethane	1.892	101	249815	52.116	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	148823	51.244	ug/L	99
12) 1,1-Dichloroethene	2.318	96	137948	51.262	ug/L	97
13) Acetone	2.373	43	148680	98.560	ug/L	99
14) Carbon disulfide	2.514	76	383873	51.985	ug/L	100
15) Methyl Acetate	2.703	43	161738	52.744	ug/L	99
16) Methylene chloride	2.788	84	153235	51.976	ug/L	95
17) trans-1,2-Dichloroethene	3.093	96	145079	52.108	ug/L	98
18) Methyl tert-butyl Ether	3.111	73	458448	53.940	ug/L	99
19) 1,1-Dichloroethane	3.611	63	247620	52.947	ug/L	99
20) cis-1,2-Dichloroethene	4.489	96	169393	52.565	ug/L	98
22) 2-Butanone	4.556	43	235714	104.261	ug/L	97
23) Bromochloromethane	4.903	128	91478	53.061	ug/L	93
25) Chloroform	5.092	83	285165	52.655	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.086	62	222960	53.557	ug/L	99
29) Cyclohexane	5.470	56	212298	52.334	ug/L	99
30) 1,1,1-Trichloroethane	5.385	97	248516	53.062	ug/L	99
31) Carbon tetrachloride	5.678	117	221729	52.980	ug/L	99
33) Benzene	6.037	78	584067	52.833	ug/L	100
34) Trichloroethene	7.129	95	170726	52.711	ug/L	99
35) Methylcyclohexane	7.379	83	242825	52.024	ug/L	99
37) 1,2-Dichloropropane	7.433	63	147713	53.620	ug/L	100
38) Bromodichloromethane	7.824	83	208706	54.091	ug/L	99
39) cis-1,3-Dichloropropene	8.366	75	233928	54.722	ug/L	99
40) 4-Methyl-2-pentanone	8.573	43	452784	109.330	ug/L	99
42) Toluene	8.720	91	668022	53.669	ug/L	98
44) trans-1,3-Dichloropropene	8.976	75	225294	55.220	ug/L	96
45) 1,1,2-Trichloroethane	9.153	97	167003	53.660	ug/L	98
46) Tetrachloroethene	9.275	164	138708	51.804	ug/L	99
48) 2-Hexanone	9.427	43	366969	110.756	ug/L	99
49) Dibromochloromethane	9.518	129	179387	54.640	ug/L	99
50) 1,2-Dibromoethane	9.610	107	188523	53.663	ug/L	100
51) Chlorobenzene	10.079	112	449918	52.817	ug/L	98
52) Ethylbenzene	10.195	91	750709	53.592	ug/L	99
53) m,p-Xylene	10.299	106	296901	53.557	ug/L	100
54) o-Xylene	10.640	106	284838	52.955	ug/L	97
55) Styrene	10.652	104	500480	54.721	ug/L	100
57) 1,1,2,2-Tetrachloroethane	11.213	83	278941	54.046	ug/L	99
59) Bromoform	10.799	173	143764	55.549	ug/L	100
60) Isopropylbenzene	10.963	105	771176	53.996	ug/L	100
61) 1,2,3-Trichloropropane	11.238	75	212989	53.948	ug/L	100
62) 1,3,5-Trimethylbenzene	11.451	105	652123	54.691	ug/L	99
63) 1,2,4-Trimethylbenzene	11.750	105	647459	55.111	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	378239	53.360	ug/L	99
65) 1,4-Dichlorobenzene	12.042	146	382715	52.421	ug/L	100
67) 1,2-Dichlorobenzene	12.335	146	368951	53.031	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.939	75	65810	54.996	ug/L	99
69) 1,3,5-Trichlorobenzene	13.109	180	269494	52.919	ug/L	100
70) 1,2,4-trichlorobenzene	13.585	180	251483	52.539	ug/L	99
71) Naphthalene	13.774	128	789346	55.026	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	247770	53.083	ug/L	99

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

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