

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060623\
 Data File : VX036025.D
 Acq On : 06 Jun 2023 11:47
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VICV643

Quant Time: Jun 07 05:33:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML060623WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jun 07 05:26:18 2023
 Response via : Initial Calibration

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

Internal Standards							
1) 1,4-Difluorobenzene		6.757	114	336836	50.000	ug/L	0.00
28) Chlorobenzene-d5		10.055	117	307109	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4		12.024	152	161013	50.000	ug/L	0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3		1.367	65	115119	50.303	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	= 100.600%		
7) Chloroethane-d5		1.672	69	89087	50.758	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	= 101.520%		
11) 1,1-Dichloroethene-d2		2.306	65	58523	50.437	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 100.880%		
21) 2-Butanone-d5		4.464	46	188681	100.586	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	= 100.590%		
24) Chloroform-d		5.056	84	233459	48.922	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 97.840%		
26) 1,2-Dichloroethane-d4		5.952	65	162112	46.555	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 93.100%		
32) Benzene-d6		5.970	84	468367	50.697	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 101.400%		
36) 1,2-Dichloropropane-d6		7.305	67	141533	49.288	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	= 98.580%		
41) Toluene-d8		8.646	98	432765	50.895	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 101.800%		
43) trans-1,3-Dichloroprop...		8.951	79	69661	50.537	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 101.080%		
47) 2-Hexanone-d5		9.384	63	136461	106.721	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	= 106.720%		
56) 1,1,2,2-Tetrachloroeth...		11.189	84	198513	50.612	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	= 101.220%		
66) 1,2-Dichlorobenzene-d4		12.317	152	163523	52.309	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 104.620%		
Target Compounds							
						Qvalue	
2) Dichlorodifluoromethane		1.166	85	151057	47.089	ug/L	100
3) Chloromethane		1.294	50	137082	45.354	ug/L	98
5) Vinyl chloride		1.373	62	132893	47.436	ug/L	99
6) Bromomethane		1.617	94	77991	47.783	ug/L	100
8) Chloroethane		1.690	64	79012	47.546	ug/L	98
9) Trichlorofluoromethane		1.885	101	186217	47.256	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...		2.331	101	123607	48.059	ug/L	99
12) 1,1-Dichloroethene		2.318	96	107251	47.916	ug/L	99
13) Acetone		2.404	43	190259	95.997	ug/L	98
14) Carbon disulfide		2.513	76	299190	48.708	ug/L	99
15) Methyl Acetate		2.709	43	143616	46.835	ug/L	100
16) Methylene chloride		2.788	84	118387	46.062	ug/L	92
17) trans-1,2-Dichloroethene		3.093	96	112555	46.936	ug/L	98
18) Methyl tert-butyl Ether		3.111	73	401929	47.107	ug/L	99
19) 1,1-Dichloroethane		3.605	63	222405	46.518	ug/L	98
20) cis-1,2-Dichloroethene		4.483	96	130475	47.419	ug/L	97
22) 2-Butanone		4.574	43	224780	94.957	ug/L	97
23) Bromochloromethane		4.897	128	64207	47.015	ug/L	94
25) Chloroform		5.092	83	240284	46.202	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.086	62	197129	44.423	ug/L	98
29) Cyclohexane	5.470	56	208415	48.859	ug/L	99
30) 1,1,1-Trichloroethane	5.379	97	201408	47.324	ug/L	99
31) Carbon tetrachloride	5.677	117	172127	48.701	ug/L	99
33) Benzene	6.037	78	488446	47.739	ug/L	100
34) Trichloroethene	7.122	95	131441	47.698	ug/L	95
35) Methylcyclohexane	7.378	83	201071	49.704	ug/L	99
37) 1,2-Dichloropropane	7.427	63	128789	47.960	ug/L	100
38) Bromodichloromethane	7.817	83	165584	47.829	ug/L	99
39) cis-1,3-Dichloropropene	8.366	75	206505	49.219	ug/L	98
40) 4-Methyl-2-pentanone	8.573	43	388095	95.962	ug/L	99
42) Toluene	8.714	91	517321	48.613	ug/L	99
44) trans-1,3-Dichloropropene	8.976	75	192151	48.909	ug/L	99
45) 1,1,2-Trichloroethane	9.152	97	124404	47.335	ug/L	98
46) Tetrachloroethene	9.274	164	97050	50.362	ug/L	96
48) 2-Hexanone	9.433	43	309208	96.894	ug/L	98
49) Dibromochloromethane	9.518	129	120036	48.138	ug/L	96
50) 1,2-Dibromoethane	9.610	107	133336	48.014	ug/L	99
51) Chlorobenzene	10.079	112	331922	47.410	ug/L	97
52) Ethylbenzene	10.195	91	592480	48.341	ug/L	97
53) m,p-Xylene	10.299	106	226539	48.739	ug/L	97
54) o-Xylene	10.640	106	220827	48.607	ug/L	99
55) Styrene	10.652	104	377928	48.947	ug/L	97
57) 1,1,2,2-Tetrachloroethane	11.213	83	199157	48.212	ug/L	99
59) Bromoform	10.799	173	80706	47.941	ug/L	98
60) Isopropylbenzene	10.963	105	591908	48.020	ug/L	99
61) 1,2,3-Trichloropropane	11.237	75	157287	45.679	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	497761	48.553	ug/L	98
63) 1,2,4-Trimethylbenzene	11.750	105	459474	48.432	ug/L	98
64) 1,3-Dichlorobenzene	11.969	146	259185	48.558	ug/L	98
65) 1,4-Dichlorobenzene	12.042	146	261505	47.896	ug/L	100
67) 1,2-Dichlorobenzene	12.335	146	255772	49.052	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.938	75	40859	46.986	ug/L	92
69) 1,3,5-Trichlorobenzene	13.109	180	166577	50.986	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	146658	49.142	ug/L	98
71) Naphthalene	13.774	128	485451	49.459	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	143587	48.386	ug/L	100

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

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