

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071223\
 Data File : VX036510.D
 Acq On : 12 Jul 2023 12:10
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VICV649

Quant Time: Jul 13 01:21:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML071223WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jul 13 01:12:57 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	325967	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	303056	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	154102	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	115920	49.855	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	99.720%
7) Chloroethane-d5	1.666	69	108715	42.556	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.120%
11) 1,1-Dichloroethene-d2	2.306	65	49109	49.500	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.000%
21) 2-Butanone-d5	4.458	46	160177	98.639	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.640%
24) Chloroform-d	5.056	84	204681	48.475	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.960%
26) 1,2-Dichloroethane-d4	5.952	65	136907	47.473	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.940%
32) Benzene-d6	5.970	84	412766	48.109	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.220%
36) 1,2-Dichloropropane-d6	7.305	67	132183	48.603	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.200%
41) Toluene-d8	8.647	98	397234	48.500	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.000%
43) trans-1,3-Dichloroprop...	8.951	79	64165	49.554	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.100%
47) 2-Hexanone-d5	9.384	63	121841	101.857	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.860%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	177487	49.604	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.200%
66) 1,2-Dichlorobenzene-d4	12.323	152	144616	49.401	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	116873	51.404	ug/L	99
3) Chloromethane	1.294	50	129011	47.994	ug/L	99
5) Vinyl chloride	1.374	62	136253	48.868	ug/L	98
6) Bromomethane	1.611	94	129495	49.154	ug/L	97
8) Chloroethane	1.684	64	90705	44.430	ug/L	99
9) Trichlorofluoromethane	1.886	101	222452	50.420	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	107188	51.294	ug/L	99
12) 1,1-Dichloroethene	2.319	96	96659	47.302	ug/L	90
13) Acetone	2.379	43	117528	95.433	ug/L	99
14) Carbon disulfide	2.514	76	268370	48.968	ug/L	98
15) Methyl Acetate	2.703	43	116230	47.470	ug/L	98
16) Methylene chloride	2.788	84	105270	46.689	ug/L	97
17) trans-1,2-Dichloroethene	3.093	96	99877	48.526	ug/L	99
18) Methyl tert-butyl Ether	3.111	73	336485	47.023	ug/L	99
19) 1,1-Dichloroethane	3.611	63	186510	46.314	ug/L	100
20) cis-1,2-Dichloroethene	4.489	96	113022	46.985	ug/L	98
22) 2-Butanone	4.556	43	170554	95.227	ug/L	96
23) Bromochloromethane	4.897	128	57283	47.641	ug/L	93
25) Chloroform	5.092	83	198728	46.991	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.086	62	160393	47.946	ug/L	100
29) Cyclohexane	5.470	56	168575	50.306	ug/L	98
30) 1,1,1-Trichloroethane	5.385	97	163787	46.504	ug/L	98
31) Carbon tetrachloride	5.672	117	143089	48.478	ug/L	100
33) Benzene	6.037	78	415575	46.963	ug/L	100
34) Trichloroethene	7.123	95	113426	46.995	ug/L	98
35) Methylcyclohexane	7.379	83	181748	51.704	ug/L	99
37) 1,2-Dichloropropane	7.427	63	112542	46.258	ug/L	99
38) Bromodichloromethane	7.818	83	141803	46.742	ug/L	98
39) cis-1,3-Dichloropropene	8.366	75	184821	48.212	ug/L	98
40) 4-Methyl-2-pentanone	8.573	43	323122	95.288	ug/L	99
42) Toluene	8.720	91	448335	47.622	ug/L	100
44) trans-1,3-Dichloropropene	8.976	75	169672	48.066	ug/L	95
45) 1,1,2-Trichloroethane	9.153	97	110521	47.797	ug/L	99
46) Tetrachloroethene	9.275	164	86350	50.353	ug/L	98
48) 2-Hexanone	9.427	43	256868	96.931	ug/L	99
49) Dibromochloromethane	9.518	129	110686	47.682	ug/L	100
50) 1,2-Dibromoethane	9.610	107	118998	48.011	ug/L	99
51) Chlorobenzene	10.079	112	292647	47.810	ug/L	99
52) Ethylbenzene	10.195	91	500890	48.345	ug/L	99
53) m,p-Xylene	10.299	106	196248	49.642	ug/L	98
54) o-Xylene	10.640	106	191977	48.966	ug/L	99
55) Styrene	10.652	104	316797	48.469	ug/L	98
57) 1,1,2,2-Tetrachloroethane	11.213	83	170182	47.380	ug/L	99
59) Bromoform	10.799	173	78506	46.609	ug/L	98
60) Isopropylbenzene	10.963	105	497894	48.063	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	136046	46.765	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	423121	48.871	ug/L	99
63) 1,2,4-Trimethylbenzene	11.750	105	422589	48.661	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	226285	48.826	ug/L	100
65) 1,4-Dichlorobenzene	12.042	146	227229	48.563	ug/L	97
67) 1,2-Dichlorobenzene	12.335	146	224409	48.804	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.945	75	37244	48.044	ug/L	96
69) 1,3,5-Trichlorobenzene	13.109	180	155371	50.525	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	144223	49.713	ug/L	99
71) Naphthalene	13.774	128	489637	49.466	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	142883	50.549	ug/L	97

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

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