

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071223\
 Data File : VX036506.D
 Acq On : 12 Jul 2023 10:30
 Operator : JC/MD
 Sample : VSTD05046
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050646

Quant Time: Jul 13 01:04:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML071223WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jul 13 01:02:46 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	292637	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	275660	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	136509	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	101892	48.813	ug/L	0.00
7) Chloroethane-d5	1.666	69	117634	51.292	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.306	65	43100	48.392	ug/L	0.00
21) 2-Butanone-d5	4.458	46	163723	112.306	ug/L	0.00
24) Chloroform-d	5.056	84	201163	53.068	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.958	65	135401	52.298	ug/L	0.00
32) Benzene-d6	5.976	84	403805	51.742	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.305	67	128334	51.877	ug/L	0.00
41) Toluene-d8	8.647	98	375359	50.383	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.951	79	61879	52.538	ug/L	0.00
47) 2-Hexanone-d5	9.384	63	119852	110.152	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.189	84	177861	54.649	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.323	152	134371	51.817	ug/L	0.00
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	89941	44.064	ug/L	100
3) Chloromethane	1.294	50	129186	53.533	ug/L	100
5) Vinyl chloride	1.374	62	124397	49.697	ug/L	100
6) Bromomethane	1.611	94	128658	54.398	ug/L	100
8) Chloroethane	1.684	64	104682	57.116	ug/L	100
9) Trichlorofluoromethane	1.886	101	184974	46.700	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	83841	44.691	ug/L	100
12) 1,1-Dichloroethene	2.318	96	91318	49.778	ug/L	100
13) Acetone	2.386	43	126863	114.744	ug/L	100
14) Carbon disulfide	2.514	76	241697	49.124	ug/L	100
15) Methyl Acetate	2.703	43	125928	57.289	ug/L	100
16) Methylene chloride	2.788	84	110200	54.442	ug/L	100
17) trans-1,2-Dichloroethene	3.093	96	97390	52.707	ug/L	100
18) Methyl tert-butyl Ether	3.111	73	362329	56.402	ug/L	100
19) 1,1-Dichloroethane	3.611	63	194664	53.845	ug/L	100
20) cis-1,2-Dichloroethene	4.489	96	117461	54.391	ug/L	100
22) 2-Butanone	4.562	43	185603	115.433	ug/L	100
23) Bromochloromethane	4.897	128	61450	56.927	ug/L	100
25) Chloroform	5.092	83	208116	54.815	ug/L	100
27) 1,2-Dichloroethane	6.086	62	170639	56.818	ug/L	100
29) Cyclohexane	5.476	56	133844	43.911	ug/L	100
30) 1,1,1-Trichloroethane	5.379	97	161099	50.286	ug/L	100
31) Carbon tetrachloride	5.678	117	130794	48.716	ug/L	100
33) Benzene	6.037	78	428479	53.233	ug/L	100
34) Trichloroethene	7.123	95	112639	51.307	ug/L	100
35) Methylcyclohexane	7.379	83	136840	42.797	ug/L	100
37) 1,2-Dichloropropane	7.427	63	120026	54.237	ug/L	100
38) Bromodichloromethane	7.824	83	150066	54.382	ug/L	100
39) cis-1,3-Dichloropropene	8.366	75	189161	54.248	ug/L	100
40) 4-Methyl-2-pentanone	8.573	43	348566	113.007	ug/L	100
42) Toluene	8.720	91	453286	52.933	ug/L	100
44) trans-1,3-Dichloropropene	8.976	75	177619	55.318	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	9.153	97	116844	55.553	ug/L	100
46) Tetrachloroethene	9.275	164	76652	49.140	ug/L	100
48) 2-Hexanone	9.433	43	277942	115.307	ug/L	100
49) Dibromochloromethane	9.518	129	118779	56.253	ug/L	100
50) 1,2-Dibromoethane	9.610	107	124441	55.196	ug/L	100
51) Chlorobenzene	10.079	112	297033	53.349	ug/L	100
52) Ethylbenzene	10.195	91	491954	52.202	ug/L	100
53) m,p-Xylene	10.299	106	189273	52.636	ug/L	100
54) o-Xylene	10.640	106	189802	53.222	ug/L	100
55) Styrene	10.652	104	322383	54.226	ug/L	100
57) 1,1,2,2-Tetrachloroethane	11.213	83	182299	55.797	ug/L	100
59) Bromoform	10.799	173	82151	55.059	ug/L	100
60) Isopropylbenzene	10.963	105	471016	51.329	ug/L	100
61) 1,2,3-Trichloropropane	11.238	75	146291	56.767	ug/L	100
62) 1,3,5-Trimethylbenzene	11.451	105	402801	52.520	ug/L	100
63) 1,2,4-Trimethylbenzene	11.750	105	411774	53.526	ug/L	100
64) 1,3-Dichlorobenzene	11.969	146	218425	53.205	ug/L	100
65) 1,4-Dichlorobenzene	12.042	146	219212	52.888	ug/L	100
67) 1,2-Dichlorobenzene	12.335	146	218642	53.678	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.945	75	38098	55.479	ug/L	100
69) 1,3,5-Trichlorobenzene	13.109	180	140530	51.588	ug/L	100
70) 1,2,4-trichlorobenzene	13.585	180	131948	51.343	ug/L	100
71) Naphthalene	13.774	128	481977	54.968	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	128038	51.135	ug/L	100

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

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