

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100721\
 Data File : VX024636.D
 Acq On : 07 Oct 2021 10:16
 Operator : JC/MD
 Sample : VSTD05013
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050613

Quant Time: Oct 07 11:19:23 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML100721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 07 11:18:02 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	308096	50.00	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	277657	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	140566	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	91839	41.61	ug/L	0.00
7) Chloroethane-d5	1.666	69	58739	36.49	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.306	63	177943	43.48	ug/L	0.00
21) 2-Butanone-d5	4.465	46	158079	89.66	ug/L	0.00
24) Chloroform-d	5.068	84	192893	46.48	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.964	65	129171	47.04	ug/L	0.00
32) Benzene-d6	5.983	84	389150	45.76	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.318	67	119804	44.93	ug/L	0.00
41) Toluene-d8	8.653	98	377816	48.20	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.952	79	61960	47.07	ug/L	0.00
47) 2-Hexanone-d5	9.390	63	113290	88.82	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.195	84	156146	43.24	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.323	152	138891	48.78	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	128429	55.39	ug/L	100
3) Chloromethane	1.294	50	107095	48.52	ug/L	99
5) Vinyl chloride	1.374	62	109559	46.07	ug/L	100
6) Bromomethane	1.599	94	60486	51.60	ug/L	100
8) Chloroethane	1.685	64	53251	39.06	ug/L	96
9) Trichlorofluoromethane	1.886	101	148316	45.04	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	93036	46.81	ug/L	97
12) 1,1-Dichloroethene	2.319	96	84482	44.86	ug/L	84
13) Acetone	2.386	43	152990	113.35	ug/L	92
14) Carbon disulfide	2.514	76	256268	46.67	ug/L	99
15) Methyl Acetate	2.709	43	124191	48.80	ug/L	93
16) Methylene chloride	2.794	84	106815	45.53	ug/L	96
17) trans-1,2-Dichloroethene	3.099	96	100524	47.85	ug/L	96
18) Methyl tert-butyl Ether	3.123	73	327132	46.33	ug/L	99
19) 1,1-Dichloroethane	3.617	63	184714	47.48	ug/L	99
20) cis-1,2-Dichloroethene	4.495	96	112483	47.42	ug/L	100
22) 2-Butanone	4.562	43	204060	101.57	ug/L	93
23) Bromochloromethane	4.903	128	59228	52.55	ug/L	96
25) Chloroform	5.099	83	205173	50.84	ug/L	99
27) 1,2-Dichloroethane	6.092	62	158539	50.21	ug/L	98
29) Cyclohexane	5.477	56	172359	47.21	ug/L	99
30) 1,1,1-Trichloroethane	5.391	97	178694	52.05	ug/L	99
31) Carbon tetrachloride	5.684	117	155661	54.24	ug/L	99
33) Benzene	6.044	78	429671	48.54	ug/L	100
34) Trichloroethene	7.129	95	112462	49.68	ug/L	94
35) Methylcyclohexane	7.385	83	186731	49.99	ug/L	97
37) 1,2-Dichloropropane	7.434	63	107597	47.43	ug/L	99
38) Bromodichloromethane	7.830	83	141511	49.71	ug/L	98
39) cis-1,3-Dichloropropene	8.372	75	172825	49.32	ug/L	100
40) 4-Methyl-2-pentanone	8.580	43	340943	95.98	ug/L	94
42) Toluene	8.720	91	472048	50.06	ug/L	100
44) trans-1,3-Dichloropropene	8.982	75	168044	48.86	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	9.159	97	109668	49.92	ug/L	98
46) Tetrachloroethene	9.281	164	91711	58.02	ug/L	96
48) 2-Hexanone	9.433	43	280721	98.04	ug/L	91
49) Dibromochloromethane	9.525	129	113897	53.82	ug/L	97
50) 1,2-Dibromoethane	9.616	107	110789	49.15	ug/L	96
51) Chlorobenzene	10.079	112	265610	45.73	ug/L	99
52) Ethylbenzene	10.195	91	487780	47.11	ug/L	97
53) m,p-Xylene	10.305	106	192930	48.39	ug/L	100
54) o-Xylene	10.646	106	188946	48.85	ug/L	95
55) Styrene	10.659	104	320264	49.22	ug/L	99
57) 1,1,2,2-Tetrachloroethane	11.213	83	158420	45.32	ug/L	99
59) Bromoform	10.805	173	77753	53.82	ug/L	99
60) Isopropylbenzene	10.963	105	498573	45.24	ug/L	100
61) 1,2,3-Trichloropropane	11.244	75	137870	44.07	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	424481	45.66	ug/L	99
63) 1,2,4-Trimethylbenzene	11.756	105	421371	45.05	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	227304	49.87	ug/L	95
65) 1,4-Dichlorobenzene	12.042	146	213843	47.26	ug/L	99
67) 1,2-Dichlorobenzene	12.335	146	225827	49.19	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.945	75	37216	46.72	ug/L	99
69) 1,3,5-Trichlorobenzene	13.115	180	148441	50.42	ug/L	98
70) 1,2,4-trichlorobenzene	13.591	180	128932	48.82	ug/L	96
71) Naphthalene	13.780	128	468691	43.84	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	135498	50.75	ug/L	98

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

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