

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021323\
 Data File : VX034137.D
 Acq On : 13 Feb 2023 11:22
 Operator : JC/MD
 Sample : VSTD05021
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050621

Quant Time: Feb 13 12:45:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML021323WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Feb 13 12:44:04 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	154445	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	133261	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	76935	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	29720	31.848	ug/L	0.00
7) Chloroethane-d5	1.666	69	23984	40.756	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.307	63	80761	44.180	ug/L	0.00
21) 2-Butanone-d5	4.452	46	46375	82.365	ug/L	0.00
24) Chloroform-d	5.056	84	95742	51.581	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.952	65	62415	54.641	ug/L	0.00
32) Benzene-d6	5.971	84	194465	50.760	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.306	67	55925	49.610	ug/L	0.00
41) Toluene-d8	8.647	98	184565	50.784	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.952	79	28220	54.024	ug/L	0.00
47) 2-Hexanone-d5	9.378	63	45151	106.022	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.189	84	73656	51.622	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.323	152	78175	50.672	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	84762	66.932	ug/L	100
3) Chloromethane	1.295	50	35902	36.700	ug/L	98
5) Vinyl chloride	1.374	62	35329	35.694	ug/L	99
6) Bromomethane	1.605	94	26346	48.280	ug/L	99
8) Chloroethane	1.685	64	21009	39.532	ug/L	99
9) Trichlorofluoromethane	1.892	101	76763	50.745	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	46651	45.503	ug/L	96
12) 1,1-Dichloroethene	2.319	96	41281	44.453	ug/L #	79
13) Acetone	2.374	43	37262	65.478	ug/L	94
14) Carbon disulfide	2.514	76	110365	44.069	ug/L	100
15) Methyl Acetate	2.697	43	36117	39.237	ug/L	97
16) Methylene chloride	2.788	84	42283	43.239	ug/L	97
17) trans-1,2-Dichloroethene	3.093	96	41651	43.587	ug/L	94
18) Methyl tert-butyl Ether	3.111	73	133928	47.147	ug/L	96
19) 1,1-Dichloroethane	3.611	63	74820	44.637	ug/L	99
20) cis-1,2-Dichloroethene	4.489	96	47824	43.763	ug/L	99
22) 2-Butanone	4.538	43	49919	70.655	ug/L	76
23) Bromochloromethane	4.898	128	29176	47.654	ug/L	93
25) Chloroform	5.093	83	96911	53.681	ug/L	98
27) 1,2-Dichloroethane	6.086	62	80680	57.114	ug/L	97
29) Cyclohexane	5.471	56	84238	51.264	ug/L	95
30) 1,1,1-Trichloroethane	5.385	97	91589	57.924	ug/L	98
31) Carbon tetrachloride	5.678	117	86279	58.468	ug/L	99
33) Benzene	6.038	78	209791	52.072	ug/L	100
34) Trichloroethene	7.123	95	59063	53.563	ug/L	97
35) Methylcyclohexane	7.379	83	93817	53.726	ug/L	98
37) 1,2-Dichloropropane	7.428	63	51259	50.434	ug/L	98
38) Bromodichloromethane	7.818	83	73046	55.070	ug/L	100
39) cis-1,3-Dichloropropene	8.366	75	84765	53.813	ug/L	98
40) 4-Methyl-2-pentanone	8.568	43	130192	104.288	ug/L	98
42) Toluene	8.714	91	228732	53.050	ug/L	98
44) trans-1,3-Dichloropropene	8.976	75	80718	56.701	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	9.147	97	55968	53.719	ug/L	99
46) Tetrachloroethene	9.275	164	58218	54.812	ug/L	99
48) 2-Hexanone	9.427	43	97085	98.131	ug/L	98
49) Dibromochloromethane	9.519	129	64234	56.388	ug/L	99
50) 1,2-Dibromoethane	9.610	107	60545	53.928	ug/L #	97
51) Chlorobenzene	10.080	112	153050	52.575	ug/L	99
52) Ethylbenzene	10.189	91	258838	54.353	ug/L	98
53) m,p-Xylene	10.299	106	101447	53.406	ug/L	95
54) o-Xylene	10.640	106	97856	53.347	ug/L	92
55) Styrene	10.653	104	167772	54.360	ug/L	97
57) 1,1,2,2-Tetrachloroethane	11.213	83	77506	53.062	ug/L	100
59) Bromoform	10.799	173	53576	55.603	ug/L	99
60) Isopropylbenzene	10.964	105	266522	52.586	ug/L	100
61) 1,2,3-Trichloropropane	11.238	75	59074	50.378	ug/L	97
62) 1,3,5-Trimethylbenzene	11.451	105	224059	53.790	ug/L	97
63) 1,2,4-Trimethylbenzene	11.750	105	214348	52.567	ug/L	98
64) 1,3-Dichlorobenzene	11.969	146	131193	51.908	ug/L	99
65) 1,4-Dichlorobenzene	12.043	146	132200	51.720	ug/L	99
67) 1,2-Dichlorobenzene	12.335	146	127860	51.784	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.945	75	17254	57.960	ug/L	98
69) 1,3,5-Trichlorobenzene	13.116	180	101883	53.195	ug/L	98
70) 1,2,4-trichlorobenzene	13.585	180	92544	53.191	ug/L	99
71) Naphthalene	13.774	128	258651	54.083	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	91409	53.173	ug/L	99

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

