

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071223\
 Data File : VX036504.D
 Acq On : 12 Jul 2023 09:43
 Operator : JC/MD
 Sample : VSTD00544
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD005644

Quant Time: Jul 13 01:03:17 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	6.757	114	361735	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	330461	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	157630	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	12262	4.752	ug/L	0.00
7) Chloroethane-d5	1.666	69	13550	4.780	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.307	65	5338	4.849	ug/L	0.00
21) 2-Butanone-d5	4.459	46	15003	8.326	ug/L	0.00
24) Chloroform-d	5.056	84	20864	4.453	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.958	65	15817	4.942	ug/L	0.00
32) Benzene-d6	5.971	84	42877	4.583	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.312	67	13129	4.427	ug/L	0.00
41) Toluene-d8	8.647	98	43706	4.894	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.952	79	5801	4.109	ug/L	0.00
47) 2-Hexanone-d5	9.385	63	10753	8.244	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.189	84	16963	4.348	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.317	152	13793	4.606	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.167	85	12465	4.940	ug/L	99
3) Chloromethane	1.295	50	12967	4.347	ug/L	94
5) Vinyl chloride	1.374	62	14444	4.668	ug/L	97
6) Bromomethane	1.612	94	11683	3.996	ug/L	95
8) Chloroethane	1.685	64	9131	4.030	ug/L	92
9) Trichlorofluoromethane	1.886	101	23086	4.715	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	11020	4.752	ug/L	96
12) 1,1-Dichloroethene	2.319	96	10254	4.522	ug/L	91
13) Acetone	2.386	43	13177	9.642	ug/L	100
14) Carbon disulfide	2.514	76	26405	4.342	ug/L	97
15) Methyl Acetate	2.703	43	11280	4.151	ug/L	97
16) Methylene chloride	2.794	84	10686	4.271	ug/L	83
17) trans-1,2-Dichloroethene	3.093	96	9330	4.085	ug/L	77
18) Methyl tert-butyl Ether	3.111	73	32180	4.052	ug/L	99
19) 1,1-Dichloroethane	3.605	63	18828	4.213	ug/L	96
20) cis-1,2-Dichloroethene	4.483	96	11270	4.222	ug/L	96
22) 2-Butanone	4.562	43	16200	8.151	ug/L	99
23) Bromochloromethane	4.898	128	5295	3.968	ug/L	84
25) Chloroform	5.087	83	20009	4.263	ug/L	99
27) 1,2-Dichloroethane	6.080	62	15271	4.114	ug/L #	94
29) Cyclohexane	5.471	56	17358	4.750	ug/L	98
30) 1,1,1-Trichloroethane	5.385	97	16265	4.235	ug/L #	75
31) Carbon tetrachloride	5.678	117	13882	4.313	ug/L	96
33) Benzene	6.038	78	41552	4.306	ug/L	100
34) Trichloroethene	7.123	95	11702	4.446	ug/L	98
35) Methylcyclohexane	7.379	83	19158	4.998	ug/L	97
37) 1,2-Dichloropropane	7.428	63	11153	4.204	ug/L #	94
38) Bromodichloromethane	7.818	83	12900	3.900	ug/L	90
39) cis-1,3-Dichloropropene	8.360	75	16256	3.889	ug/L	99
40) 4-Methyl-2-pentanone	8.574	43	29088	7.867	ug/L	99
42) Toluene	8.714	91	44404	4.325	ug/L	98
44) trans-1,3-Dichloropropene	8.976	75	14464	3.758	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	9.153	97	10174	4.035	ug/L	93
46) Tetrachloroethene	9.275	164	8403	4.494	ug/L	97
48) 2-Hexanone	9.427	43	23619	8.174	ug/L	99
49) Dibromochloromethane	9.519	129	9294	3.672	ug/L	99
50) 1,2-Dibromoethane	9.610	107	11166	4.131	ug/L	100
51) Chlorobenzene	10.080	112	29285	4.388	ug/L	95
52) Ethylbenzene	10.195	91	48839	4.323	ug/L	97
53) m,p-Xylene	10.299	106	18074	4.193	ug/L	100
54) o-Xylene	10.640	106	17526	4.099	ug/L	96
55) Styrene	10.653	104	29012	4.071	ug/L	94
57) 1,1,2,2-Tetrachloroethane	11.213	83	15435	3.941	ug/L #	96
59) Bromoform	10.799	173	6665	3.868	ug/L	94
60) Isopropylbenzene	10.964	105	47372	4.471	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	12293	4.131	ug/L	96
62) 1,3,5-Trimethylbenzene	11.451	105	38872	4.389	ug/L	99
63) 1,2,4-Trimethylbenzene	11.750	105	37518	4.223	ug/L	96
64) 1,3-Dichlorobenzene	11.969	146	20315	4.285	ug/L	97
65) 1,4-Dichlorobenzene	12.043	146	21129	4.415	ug/L	97
67) 1,2-Dichlorobenzene	12.335	146	20026	4.258	ug/L	92
68) 1,2-Dibromo-3-chloropr...	12.939	75	3034	3.826	ug/L #	77
69) 1,3,5-Trichlorobenzene	13.109	180	13630	4.333	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	12811	4.317	ug/L	97
71) Naphthalene	13.774	128	39563	3.907	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	12161	4.206	ug/L	97

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

