

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111424\
 Data File : VX043854.D
 Acq On : 14 Nov 2024 15:45
 Operator : JC/MD
 Sample : VSTD05038
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050638

Quant Time: Nov 15 02:07:10 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111424WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Nov 15 02:05:35 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	239559	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.049	117	215186	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	110033	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	74073	49.797	ug/L	0.00
7) Chloroethane-d5	1.648	69	52771	53.628	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.294	65	34096	50.803	ug/L	0.00
21) 2-Butanone-d5	4.458	46	82189	103.900	ug/L	0.00
24) Chloroform-d	5.050	84	161384	50.993	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.952	65	101532	50.237	ug/L	0.00
32) Benzene-d6	5.964	84	295716	49.394	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.299	67	84500	49.558	ug/L	0.00
41) Toluene-d8	8.647	98	285461	50.426	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.945	79	44347	51.608	ug/L	0.00
47) 2-Hexanone-d5	9.384	63	64072	101.714	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.189	84	118724	50.603	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.317	152	114138	49.723	ug/L	0.00
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	89509	50.191	ug/L	100
3) Chloromethane	1.294	50	72175	50.169	ug/L	100
5) Vinyl chloride	1.374	62	76131	48.986	ug/L	100
6) Bromomethane	1.593	94	51451	50.437	ug/L	100
8) Chloroethane	1.660	64	43771	52.159	ug/L	100
9) Trichlorofluoromethane	1.867	101	137043	49.209	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.319	101	77114	49.090	ug/L	100
12) 1,1-Dichloroethene	2.313	96	70082	48.543	ug/L	100
13) Acetone	2.386	43	91500	96.404	ug/L	100
14) Carbon disulfide	2.501	76	151486	49.745	ug/L	100
15) Methyl Acetate	2.703	43	61821	47.281	ug/L	100
16) Methylene chloride	2.782	84	76128	48.275	ug/L	100
17) trans-1,2-Dichloroethene	3.087	96	72179	49.599	ug/L	100
18) Methyl tert-butyl Ether	3.111	73	247713	48.832	ug/L	100
19) 1,1-Dichloroethane	3.605	63	124833	48.651	ug/L	100
20) cis-1,2-Dichloroethene	4.477	96	85629	49.033	ug/L	100
22) 2-Butanone	4.556	43	103771	99.058	ug/L	100
23) Bromochloromethane	4.897	128	47107	50.194	ug/L	100
25) Chloroform	5.086	83	148190	49.845	ug/L	100
27) 1,2-Dichloroethane	6.080	62	115249	49.442	ug/L	100
29) Cyclohexane	5.458	56	108283	48.425	ug/L	100
30) 1,1,1-Trichloroethane	5.373	97	133706	49.858	ug/L	100
31) Carbon tetrachloride	5.672	117	114777	49.600	ug/L	100
33) Benzene	6.031	78	287055	48.897	ug/L	100
34) Trichloroethene	7.123	95	85365	43.806	ug/L	100
35) Methylcyclohexane	7.379	83	121023	48.592	ug/L	100
37) 1,2-Dichloropropane	7.427	63	71010	49.576	ug/L	100
38) Bromodichloromethane	7.818	83	98357	49.504	ug/L	100
39) cis-1,3-Dichloropropene	8.360	75	118809	48.999	ug/L	100
40) 4-Methyl-2-pentanone	8.574	43	167166	97.844	ug/L	100
42) Toluene	8.714	91	323895	50.558	ug/L	100
44) trans-1,3-Dichloropropene	8.976	75	115765	51.473	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	9.147	97	80873	48.999	ug/L	100
46) Tetrachloroethene	9.269	164	69329	49.459	ug/L	100
48) 2-Hexanone	9.433	43	141869	102.110	ug/L	100
49) Dibromochloromethane	9.519	129	83511	51.447	ug/L	100
50) 1,2-Dibromoethane	9.610	107	88883	50.089	ug/L	100
51) Chlorobenzene	10.079	112	216116	49.377	ug/L	100
52) Ethylbenzene	10.189	91	357445	51.002	ug/L	100
53) m,p-Xylene	10.299	106	144039	51.124	ug/L	100
54) o-Xylene	10.640	106	141732	50.526	ug/L	100
55) Styrene	10.652	104	234956	51.461	ug/L	100
57) 1,1,2,2-Tetrachloroethane	11.213	83	118526	49.791	ug/L	100
59) Bromoform	10.799	173	56318	49.424	ug/L	100
60) Isopropylbenzene	10.957	105	367747	49.686	ug/L	100
61) 1,2,3-Trichloropropane	11.238	75	89708	47.795	ug/L	100
62) 1,3,5-Trimethylbenzene	11.451	105	313688	50.329	ug/L	100
63) 1,2,4-Trimethylbenzene	11.750	105	311164	50.150	ug/L	100
64) 1,3-Dichlorobenzene	11.969	146	173334	49.296	ug/L	100
65) 1,4-Dichlorobenzene	12.042	146	172643	49.160	ug/L	100
67) 1,2-Dichlorobenzene	12.335	146	175214	48.870	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.939	75	23739	52.335	ug/L	100
69) 1,3,5-Trichlorobenzene	13.109	180	117925	50.043	ug/L	100
70) 1,2,4-trichlorobenzene	13.585	180	107305	50.889	ug/L	100
71) Naphthalene	13.774	128	375323	50.666	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	109719	50.680	ug/L	100

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

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