

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102823\
 Data File : VX038619.D
 Acq On : 27 Oct 2023 22:46
 Operator : JC/MD
 Sample : VSTD05052
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050652

Quant Time: Oct 28 02:24:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML102823WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 28 02:22:08 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	417120	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	413536	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	237069	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	148468	49.684	ug/L	0.00
7) Chloroethane-d5	1.666	69	116955	38.144	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.306	65	65596	51.001	ug/L	0.00
21) 2-Butanone-d5	4.452	46	233391	112.315	ug/L	0.00
24) Chloroform-d	5.056	84	304905	55.682	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.958	65	187291	51.068	ug/L	0.00
32) Benzene-d6	5.977	84	589283	50.619	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.312	67	172305	47.463	ug/L	0.00
41) Toluene-d8	8.647	98	583392	51.823	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.952	79	85730	49.313	ug/L	0.00
47) 2-Hexanone-d5	9.384	63	203220	121.028	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.189	84	280627	56.833	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.317	152	241759	53.285	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	177703	57.186	ug/L	100
3) Chloromethane	1.301	50	135955	41.871	ug/L	100
5) Vinyl chloride	1.374	62	151554	43.741	ug/L	100
6) Bromomethane	1.605	94	110248	35.804	ug/L	100
8) Chloroethane	1.685	64	91540	38.434	ug/L	100
9) Trichlorofluoromethane	1.886	101	246955	44.265	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	149111	53.398	ug/L	100
12) 1,1-Dichloroethene	2.319	96	137347	51.955	ug/L	100
13) Acetone	2.373	43	153715	101.017	ug/L	100
14) Carbon disulfide	2.514	76	380459	53.160	ug/L	100
15) Methyl Acetate	2.703	43	158206	51.905	ug/L	100
16) Methylene chloride	2.788	84	149426	52.345	ug/L	100
17) trans-1,2-Dichloroethene	3.093	96	143624	54.137	ug/L	100
18) Methyl tert-butyl Ether	3.111	73	443479	50.027	ug/L	100
19) 1,1-Dichloroethane	3.611	63	242241	48.330	ug/L	100
20) cis-1,2-Dichloroethene	4.489	96	167502	54.411	ug/L	100
22) 2-Butanone	4.556	43	234816	105.187	ug/L	100
23) Bromochloromethane	4.897	128	89130	57.697	ug/L	100
25) Chloroform	5.093	83	279173	52.262	ug/L	100
27) 1,2-Dichloroethane	6.086	62	220910	52.704	ug/L	100
29) Cyclohexane	5.471	56	212100	45.930	ug/L	100
30) 1,1,1-Trichloroethane	5.385	97	245304	50.888	ug/L	100
31) Carbon tetrachloride	5.678	117	220315	53.422	ug/L	100
33) Benzene	6.037	78	582197	49.203	ug/L	100
34) Trichloroethene	7.123	95	169383	51.405	ug/L	100
35) Methylcyclohexane	7.379	83	247230	49.801	ug/L	100
37) 1,2-Dichloropropane	7.434	63	146813	46.068	ug/L	100
38) Bromodichloromethane	7.824	83	204100	50.325	ug/L	100
39) cis-1,3-Dichloropropene	8.366	75	231202	46.050	ug/L	100
40) 4-Methyl-2-pentanone	8.574	43	439322	98.502	ug/L	100
42) Toluene	8.720	91	663067	51.888	ug/L	100
44) trans-1,3-Dichloropropene	8.976	75	221784	47.818	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	9.153	97	164239	52.792	ug/L	100
46) Tetrachloroethene	9.275	164	140682	57.590	ug/L	100
48) 2-Hexanone	9.427	43	354889	101.631	ug/L	100
49) Dibromochloromethane	9.519	129	174088	55.245	ug/L	100
50) 1,2-Dibromoethane	9.610	107	184563	54.707	ug/L	100
51) Chlorobenzene	10.079	112	446820	53.464	ug/L	100
52) Ethylbenzene	10.195	91	748388	52.781	ug/L	100
53) m,p-Xylene	10.299	106	296698	54.485	ug/L	100
54) o-Xylene	10.640	106	284113	53.131	ug/L	100
55) Styrene	10.653	104	493248	55.067	ug/L	100
57) 1,1,2,2-Tetrachloroethane	11.213	83	274519	55.962	ug/L	100
59) Bromoform	10.799	173	139201	54.010	ug/L	100
60) Isopropylbenzene	10.963	105	774200	49.121	ug/L	100
61) 1,2,3-Trichloropropane	11.238	75	208146	48.499	ug/L	100
62) 1,3,5-Trimethylbenzene	11.451	105	654143	49.791	ug/L	100
63) 1,2,4-Trimethylbenzene	11.750	105	641313	49.087	ug/L	100
64) 1,3-Dichlorobenzene	11.969	146	377718	53.027	ug/L	100
65) 1,4-Dichlorobenzene	12.043	146	383863	53.234	ug/L	100
67) 1,2-Dichlorobenzene	12.335	146	369774	52.569	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.939	75	66149	55.470	ug/L	100
69) 1,3,5-Trichlorobenzene	13.115	180	272224	56.204	ug/L	100
70) 1,2,4-trichlorobenzene	13.585	180	255666	55.955	ug/L	100
71) Naphthalene	13.774	128	785541	52.294	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	248947	55.882	ug/L	100

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

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