

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021323\
 Data File : VX034138.D
 Acq On : 13 Feb 2023 11:45
 Operator : JC/MD
 Sample : VSTD10022
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD100622

Quant Time: Feb 13 12:45:42 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	6.763	114	133726	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	126017	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	72822	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	59894	74.128	ug/L	0.00
7) Chloroethane-d5	1.666	69	47966	94.136	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.306	63	156048	98.592	ug/L	0.00
21) 2-Butanone-d5	4.446	46	92359	189.449	ug/L	0.00
24) Chloroform-d	5.056	84	164465	102.334	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.952	65	106538	107.719	ug/L	0.00
32) Benzene-d6	5.976	84	299748	82.738	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.306	67	106414	99.824	ug/L	0.00
41) Toluene-d8	8.647	98	292222	85.029	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.952	79	47358	95.873	ug/L	0.00
47) 2-Hexanone-d5	9.384	63	73350	182.139	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.189	84	145154	107.580	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.323	152	155897	106.759	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	158518	144.567	ug/L	100
3) Chloromethane	1.294	50	66253	78.220	ug/L	98
5) Vinyl chloride	1.374	62	69908	81.574	ug/L	97
6) Bromomethane	1.599	94	48866	103.422	ug/L	97
8) Chloroethane	1.685	64	41137	89.400	ug/L	98
9) Trichlorofluoromethane	1.886	101	144362	110.217	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	87887	99.007	ug/L	96
12) 1,1-Dichloroethene	2.319	96	77217	96.033	ug/L	85
13) Acetone	2.373	43	68641	139.307	ug/L	94
14) Carbon disulfide	2.514	76	203040	93.637	ug/L	99
15) Methyl Acetate	2.697	43	71588	89.822	ug/L	97
16) Methylene chloride	2.788	84	79410	93.788	ug/L	92
17) trans-1,2-Dichloroethene	3.093	96	81567	98.585	ug/L	96
18) Methyl tert-butyl Ether	3.111	73	262715	106.814	ug/L	96
19) 1,1-Dichloroethane	3.611	63	142677	98.308	ug/L	99
20) cis-1,2-Dichloroethene	4.489	96	86487	91.405	ug/L	99
22) 2-Butanone	4.544	43	99746	163.054	ug/L	97
23) Bromochloromethane	4.904	128	50990	96.187	ug/L #	83
25) Chloroform	5.092	83	157082	100.492	ug/L	98
27) 1,2-Dichloroethane	6.086	62	129974	106.264	ug/L	94
29) Cyclohexane	5.477	56	122892	79.087	ug/L	92
30) 1,1,1-Trichloroethane	5.385	97	150529	100.672	ug/L	98
31) Carbon tetrachloride	5.678	117	147394	105.625	ug/L	99
33) Benzene	6.031	78	314010	82.420	ug/L	100
34) Trichloroethene	7.123	95	110076	105.563	ug/L	99
35) Methylcyclohexane	7.379	83	175903	106.525	ug/L	98
37) 1,2-Dichloropropane	7.427	63	96478	100.382	ug/L	98
38) Bromodichloromethane	7.824	83	130235	103.829	ug/L	95
39) cis-1,3-Dichloropropene	8.366	75	114676	76.987	ug/L	99
40) 4-Methyl-2-pentanone	8.574	43	178519	151.219	ug/L	96
42) Toluene	8.714	91	342117	83.909	ug/L	100
44) trans-1,3-Dichloropropene	8.976	75	129116	95.913	ug/L	100

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45) 1,1,2-Trichloroethane	9.147	97	81880	83.107	ug/L	97
46) Tetrachloroethene	9.275	164	89903	89.509	ug/L	100
48) 2-Hexanone	9.427	43	152008	162.478	ug/L	97
49) Dibromochloromethane	9.519	129	115510	107.231	ug/L	100
50) 1,2-Dibromoethane	9.610	107	108690	102.377	ug/L	95
51) Chlorobenzene	10.079	112	293150	106.490	ug/L	99
52) Ethylbenzene	10.195	91	490570	108.935	ug/L	99
53) m,p-Xylene	10.299	106	194863	108.482	ug/L	94
54) o-Xylene	10.640	106	188670	108.768	ug/L	92
55) Styrene	10.652	104	318188	109.023	ug/L	95
57) 1,1,2,2-Tetrachloroethane	11.213	83	148782	107.715	ug/L	99
59) Bromoform	10.799	173	107440	117.802	ug/L	99
60) Isopropylbenzene	10.963	105	511216	106.561	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	114643	103.289	ug/L	97
62) 1,3,5-Trimethylbenzene	11.451	105	433997	110.075	ug/L	98
63) 1,2,4-Trimethylbenzene	11.750	105	417846	108.260	ug/L	98
64) 1,3-Dichlorobenzene	11.969	146	254148	106.235	ug/L	99
65) 1,4-Dichlorobenzene	12.042	146	256039	105.827	ug/L	100
67) 1,2-Dichlorobenzene	12.335	146	248458	106.310	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.945	75	33997	120.653	ug/L	100
69) 1,3,5-Trichlorobenzene	13.115	180	200307	110.492	ug/L	99
70) 1,2,4-trichlorobenzene	13.591	180	184500	112.033	ug/L	99
71) Naphthalene	13.774	128	505698	111.712	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	175400	107.794	ug/L	99

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

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