

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102524\
 Data File : VX043511.D
 Acq On : 25 Oct 2024 10:11
 Operator : JC/MD
 Sample : VSTD10027
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD100627

Quant Time: Oct 25 23:55:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML102524WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 25 23:53:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	274599	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	248552	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	120349	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	155277	103.949	ug/L	0.00
7) Chloroethane-d5	1.660	69	128027	107.021	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.306	65	74414	105.491	ug/L	0.00
21) 2-Butanone-d5	4.452	46	254773	204.752	ug/L	0.00
24) Chloroform-d	5.056	84	364777	105.583	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.952	65	240401	103.560	ug/L	0.00
32) Benzene-d6	5.970	84	659621	104.545	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.305	67	206303	105.038	ug/L	0.00
41) Toluene-d8	8.647	98	597997	103.522	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.945	79	110627	107.063	ug/L	0.00
47) 2-Hexanone-d5	9.384	63	213336	219.004	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.189	84	304612	104.179	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.317	152	221361	101.337	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	216725	101.618	ug/L	99
3) Chloromethane	1.294	50	204156	104.074	ug/L	99
5) Vinyl chloride	1.374	62	200631	103.460	ug/L	99
6) Bromomethane	1.599	94	118287	103.341	ug/L	99
8) Chloroethane	1.685	64	120526	104.816	ug/L	99
9) Trichlorofluoromethane	1.886	101	295251	102.056	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.325	101	175238	101.150	ug/L	99
12) 1,1-Dichloroethene	2.319	96	157991	104.086	ug/L	95
13) Acetone	2.380	43	210269	185.608	ug/L	100
14) Carbon disulfide	2.514	76	395281	105.885	ug/L	99
15) Methyl Acetate	2.703	43	214924	101.915	ug/L	100
16) Methylene chloride	2.788	84	182832	103.991	ug/L	99
17) trans-1,2-Dichloroethene	3.093	96	165797	103.872	ug/L	99
18) Methyl tert-butyl Ether	3.111	73	623235	105.104	ug/L	99
19) 1,1-Dichloroethane	3.605	63	326552	103.770	ug/L	99
20) cis-1,2-Dichloroethene	4.483	96	198764	104.370	ug/L	96
22) 2-Butanone	4.550	43	309837	207.733	ug/L	100
23) Bromochloromethane	4.897	128	103867	104.105	ug/L	97
25) Chloroform	5.092	83	351286	103.103	ug/L	100
27) 1,2-Dichloroethane	6.086	62	289717	104.844	ug/L	99
29) Cyclohexane	5.470	56	286160	100.537	ug/L	99
30) 1,1,1-Trichloroethane	5.385	97	311957	101.757	ug/L	99
31) Carbon tetrachloride	5.672	117	270729	102.876	ug/L	99
33) Benzene	6.037	78	697952	102.925	ug/L	100
34) Trichloroethene	7.123	95	189948	101.986	ug/L	97
35) Methylcyclohexane	7.379	83	287727	100.398	ug/L	99
37) 1,2-Dichloropropane	7.427	63	184357	102.041	ug/L	100
38) Bromodichloromethane	7.818	83	261851	105.274	ug/L	98
39) cis-1,3-Dichloropropene	8.366	75	321458	107.636	ug/L	98
40) 4-Methyl-2-pentanone	8.574	43	589138	209.289	ug/L	100
42) Toluene	8.714	91	731647	101.927	ug/L	98
44) trans-1,3-Dichloropropene	8.976	75	305976	109.407	ug/L	96

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45) 1,1,2-Trichloroethane	9.147	97	191837	103.130	ug/L	98
46) Tetrachloroethene	9.269	164	134483	100.738	ug/L	96
48) 2-Hexanone	9.427	43	452385	210.385	ug/L	98
49) Dibromochloromethane	9.518	129	202539	110.007	ug/L	100
50) 1,2-Dibromoethane	9.610	107	208221	104.771	ug/L	99
51) Chlorobenzene	10.079	112	479555	101.184	ug/L	98
52) Ethylbenzene	10.195	91	829305	102.982	ug/L	97
53) m,p-Xylene	10.299	106	315134	104.661	ug/L	95
54) o-Xylene	10.640	106	310196	102.863	ug/L	100
55) Styrene	10.652	104	537383	106.062	ug/L	99
57) 1,1,2,2-Tetrachloroethane	11.207	83	301170	102.603	ug/L	99
59) Bromoform	10.799	173	140362	108.130	ug/L	98
60) Isopropylbenzene	10.957	105	817560	98.873	ug/L	100
61) 1,2,3-Trichloropropane	11.238	75	235839	98.617	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	688092	101.445	ug/L	99
63) 1,2,4-Trimethylbenzene	11.750	105	691643	101.850	ug/L	100
64) 1,3-Dichlorobenzene	11.969	146	358790	99.964	ug/L	98
65) 1,4-Dichlorobenzene	12.036	146	363002	99.330	ug/L	96
67) 1,2-Dichlorobenzene	12.335	146	354878	99.446	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.939	75	72942	107.571	ug/L	97
69) 1,3,5-Trichlorobenzene	13.109	180	241094	99.977	ug/L	98
70) 1,2,4-trichlorobenzene	13.585	180	231081	102.307	ug/L	99
71) Naphthalene	13.774	128	883303	103.577	ug/L	100
72) 1,2,3-Trichlorobenzene	13.957	180	229661	101.623	ug/L	99

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

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