

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120524\
 Data File : VX044140.D
 Acq On : 05 Dec 2024 11:24
 Operator : JC/MD
 Sample : VSTD10051
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD100651

Quant Time: Dec 06 03:30:38 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML120524WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 06 03:29:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	211830	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	194802	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	90156	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	196717	100.619	ug/L	0.00
7) Chloroethane-d5	1.642	69	138823	102.125	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.294	65	83016	101.088	ug/L	0.00
21) 2-Butanone-d5	4.459	46	246583	206.943	ug/L	0.00
24) Chloroform-d	5.050	84	376968	102.879	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.952	65	252176	98.510	ug/L	0.00
32) Benzene-d6	5.964	84	648244	93.369	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.306	67	204683	95.473	ug/L	0.00
41) Toluene-d8	8.647	98	599034	94.388	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.946	79	106583	102.773	ug/L	0.00
47) 2-Hexanone-d5	9.384	63	169163	196.966	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.189	84	284113	97.029	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.317	152	203140	97.674	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	176176	101.230	ug/L	99
3) Chloromethane	1.294	50	163173	103.523	ug/L	99
5) Vinyl chloride	1.374	62	176209	102.783	ug/L	97
6) Bromomethane	1.593	94	120182	108.323	ug/L	98
8) Chloroethane	1.666	64	112688	102.633	ug/L	98
9) Trichlorofluoromethane	1.868	101	309920	89.047	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.313	101	143949	104.321	ug/L	95
12) 1,1-Dichloroethene	2.306	96	129860	105.591	ug/L #	63
13) Acetone	2.386	43	217744	214.458	ug/L	91
14) Carbon disulfide	2.502	76	260847	120.533	ug/L	99
15) Methyl Acetate	2.703	43	178960	107.487	ug/L	95
16) Methylene chloride	2.782	84	151711	108.645	ug/L	91
17) trans-1,2-Dichloroethene	3.087	96	135789	106.924	ug/L	97
18) Methyl tert-butyl Ether	3.117	73	552895	106.822	ug/L	96
19) 1,1-Dichloroethane	3.605	63	287543	105.727	ug/L	97
20) cis-1,2-Dichloroethene	4.477	96	168486	107.945	ug/L	92
22) 2-Butanone	4.562	43	277588	221.319	ug/L	96
23) Bromochloromethane	4.897	128	83392	107.412	ug/L	92
25) Chloroform	5.086	83	318865	103.519	ug/L	96
27) 1,2-Dichloroethane	6.086	62	270445	106.589	ug/L #	95
29) Cyclohexane	5.464	56	237240	96.169	ug/L	99
30) 1,1,1-Trichloroethane	5.379	97	272025	102.629	ug/L	97
31) Carbon tetrachloride	5.672	117	219854	103.652	ug/L	98
33) Benzene	6.031	78	591811	96.815	ug/L	100
34) Trichloroethene	7.123	95	161737	100.168	ug/L	97
35) Methylcyclohexane	7.373	83	236196	95.182	ug/L	97
37) 1,2-Dichloropropane	7.428	63	164711	102.753	ug/L	100
38) Bromodichloromethane	7.818	83	221973	106.190	ug/L	98
39) cis-1,3-Dichloropropene	8.366	75	272754	103.240	ug/L	98
40) 4-Methyl-2-pentanone	8.574	43	524040	205.823	ug/L	94
42) Toluene	8.714	91	631725	98.375	ug/L	99
44) trans-1,3-Dichloropropene	8.976	75	262553	106.114	ug/L	99

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45) 1,1,2-Trichloroethane	9.153	97	164753	100.649	ug/L	99
46) Tetrachloroethene	9.269	164	106769	99.585	ug/L	97
48) 2-Hexanone	9.433	43	409167	199.009	ug/L	94
49) Dibromochloromethane	9.519	129	160670	113.258	ug/L	97
50) 1,2-Dibromoethane	9.610	107	174704	102.999	ug/L	98
51) Chlorobenzene	10.079	112	411980	103.414	ug/L	99
52) Ethylbenzene	10.195	91	716805	100.498	ug/L	99
53) m,p-Xylene	10.299	106	264213	100.853	ug/L	98
54) o-Xylene	10.640	106	266783	100.889	ug/L	99
55) Styrene	10.653	104	453468	103.049	ug/L	96
57) 1,1,2,2-Tetrachloroethane	11.213	83	261739	101.974	ug/L	98
59) Bromoform	10.799	173	102724	114.428	ug/L	100
60) Isopropylbenzene	10.963	105	709167	97.378	ug/L	100
61) 1,2,3-Trichloropropane	11.238	75	203794	96.778	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	594922	99.279	ug/L	97
63) 1,2,4-Trimethylbenzene	11.750	105	591259	100.455	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	296334	103.727	ug/L	97
65) 1,4-Dichlorobenzene	12.036	146	296871	102.010	ug/L	99
67) 1,2-Dichlorobenzene	12.335	146	300856	101.152	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.939	75	54545	111.203	ug/L	90
69) 1,3,5-Trichlorobenzene	13.109	180	189552	103.121	ug/L	98
70) 1,2,4-trichlorobenzene	13.585	180	171636	105.006	ug/L	95
71) Naphthalene	13.774	128	699060	104.025	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	182153	104.712	ug/L	98

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

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