

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122821\
 Data File : VX026099.D
 Acq On : 28 Dec 2021 15:28
 Operator : JC/MD
 Sample : VSTD10063
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD100663

Quant Time: Dec 29 03:38:50 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML122821WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Dec 29 03:36:25 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	231970	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	204302	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	99803	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.374	65	180247	107.092	ug/L	0.00
7) Chloroethane-d5	1.666	69	134651	101.150	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.313	63	333909	101.485	ug/L	0.00
21) 2-Butanone-d5	4.465	46	258804	184.549	ug/L	0.00
24) Chloroform-d	5.068	84	310051	94.763	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.964	65	199853	91.126	ug/L	0.00
32) Benzene-d6	5.983	84	597258	100.773	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.312	67	184962	100.590	ug/L	0.00
41) Toluene-d8	8.653	98	546691	99.258	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.952	79	92753	113.716	ug/L	0.00
47) 2-Hexanone-d5	9.391	63	180199	193.487	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	11.195	84	243658	91.602	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.323	152	189779	99.972	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.173	85	235997	101.275	ug/L	99
3) Chloromethane	1.294	50	203311	95.766	ug/L	97
5) Vinyl chloride	1.374	62	202217	95.133	ug/L	100
6) Bromomethane	1.611	94	119926	99.967	ug/L	99
8) Chloroethane	1.691	64	122540	95.925	ug/L	100
9) Trichlorofluoromethane	1.892	101	322934	100.167	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	162397	97.714	ug/L	98
12) 1,1-Dichloroethene	2.325	96	149767	96.655	ug/L	97
13) Acetone	2.386	43	233375	268.177	ug/L	99
14) Carbon disulfide	2.514	76	465007	106.148	ug/L	99
15) Methyl Acetate	2.709	43	198022	93.605	ug/L	100
16) Methylene chloride	2.794	84	161866	90.588	ug/L	97
17) trans-1,2-Dichloroethene	3.099	96	157718	96.134	ug/L	99
18) Methyl tert-butyl Ether	3.117	73	504954	95.087	ug/L	99
19) 1,1-Dichloroethane	3.617	63	293646	94.958	ug/L	99
20) cis-1,2-Dichloroethene	4.495	96	173748	94.949	ug/L	98
22) 2-Butanone	4.562	43	325418	217.557	ug/L	100
23) Bromochloromethane	4.910	128	86465	95.048	ug/L	99
25) Chloroform	5.099	83	301660	93.723	ug/L	99
27) 1,2-Dichloroethane	6.092	62	243410	92.084	ug/L	96
29) Cyclohexane	5.477	56	279982	103.377	ug/L	98
30) 1,1,1-Trichloroethane	5.391	97	267922	106.459	ug/L	99
31) Carbon tetrachloride	5.684	117	242469	110.115	ug/L	100
33) Benzene	6.044	78	642215	99.161	ug/L	100
34) Trichloroethene	7.129	95	169588	101.346	ug/L	97
35) Methylcyclohexane	7.385	83	270767	103.014	ug/L	99
37) 1,2-Dichloropropane	7.434	63	165292	100.761	ug/L	99
38) Bromodichloromethane	7.824	83	232062	106.481	ug/L	99
39) cis-1,3-Dichloropropene	8.366	75	264717	110.439	ug/L	100
40) 4-Methyl-2-pentanone	8.580	43	544985	198.863	ug/L	100
42) Toluene	8.720	91	686795	99.895	ug/L	100
44) trans-1,3-Dichloropropene	8.982	75	256360	113.036	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	9.153	97	156805	98.806	ug/L	98
46) Tetrachloroethene	9.275	164	126797	99.930	ug/L	97
48) 2-Hexanone	9.433	43	442388	207.775	ug/L	100
49) Dibromochloromethane	9.525	129	183893	110.117	ug/L	97
50) 1,2-Dibromoethane	9.610	107	170268	100.382	ug/L	96
51) Chlorobenzene	10.079	112	421022	97.305	ug/L	99
52) Ethylbenzene	10.195	91	739443	99.627	ug/L	99
53) m,p-Xylene	10.305	106	279965	98.622	ug/L	97
54) o-Xylene	10.646	106	273624	97.473	ug/L	98
55) Styrene	10.659	104	471265	99.374	ug/L	95
57) 1,1,2,2-Tetrachloroethane	11.213	83	245322	93.161	ug/L	99
59) Bromoform	10.799	173	129938	119.800	ug/L	99
60) Isopropylbenzene	10.963	105	728314	104.966	ug/L	100
61) 1,2,3-Trichloropropane	11.244	75	200272	100.036	ug/L	98
62) 1,3,5-Trimethylbenzene	11.451	105	613739	105.699	ug/L	99
63) 1,2,4-Trimethylbenzene	11.756	105	614410	106.046	ug/L	98
64) 1,3-Dichlorobenzene	11.969	146	312325	101.407	ug/L	100
65) 1,4-Dichlorobenzene	12.043	146	317511	102.103	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	305927	100.310	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.945	75	61917	114.283	ug/L	100
69) 1,3,5-Trichlorobenzene	13.116	180	214983	103.900	ug/L	99
70) 1,2,4-trichlorobenzene	13.591	180	195881	105.830	ug/L	98
71) Naphthalene	13.780	128	753273	107.980	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	200473	105.703	ug/L	99

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

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