

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092022\
 Data File : VU050831.D
 Acq On : 20 Sep 2022 14:17
 Operator : JC/MD
 Sample : VSTD01032
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD010032

Quant Time: Sep 21 02:09:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 21 02:08:30 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	429246	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	418405	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	182724	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	46298	11.970	ug/L	0.00
7) Chloroethane-d5	1.900	69	34892	13.350	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.562	63	72977	11.025	ug/L	0.00
21) 2-Butanone-d5	4.623	46	56288	20.652	ug/L	0.00
24) Chloroform-d	5.064	84	72766	10.402	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.700	65	44552	10.386	ug/L	0.00
32) Benzene-d6	5.726	84	142223	10.216	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.690	67	48634	10.684	ug/L	0.00
41) Toluene-d8	7.896	98	119062	9.970	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.179	79	19644	10.265	ug/L	0.00
47) 2-Hexanone-d5	8.633	63	31971	24.219	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.755	84	72084	10.393	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.192	152	38930	9.162	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.382	85	48845	11.624	ug/L	98
3) Chloromethane	1.523	50	54809	11.857	ug/L	99
5) Vinyl chloride	1.601	62	52878	12.030	ug/L	96
6) Bromomethane	1.839	94	25401	11.284	ug/L	98
8) Chloroethane	1.922	64	29637	12.632	ug/L	98
9) Trichlorofluoromethane	2.131	101	57535	11.022	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	37047	10.883	ug/L	100
12) 1,1-Dichloroethene	2.575	96	32913	10.010	ug/L	95
13) Acetone	2.623	43	48446	23.316	ug/L	98
14) Carbon disulfide	2.787	76	107461	10.849	ug/L	100
15) Methyl Acetate	2.948	43	45712	10.514	ug/L	98
16) Methylene chloride	3.041	84	49046	11.364	ug/L	97
17) trans-1,2-Dichloroethene	3.350	96	34858	10.070	ug/L	97
18) Methyl tert-butyl Ether	3.363	73	98061	9.166	ug/L	98
19) 1,1-Dichloroethane	3.867	63	71020	10.564	ug/L	99
20) cis-1,2-Dichloroethene	4.668	96	35495	9.088	ug/L	91
22) 2-Butanone	4.703	43	58632	18.342	ug/L	97
23) Bromochloromethane	4.970	128	19871	9.862	ug/L	95
25) Chloroform	5.089	83	69972	10.271	ug/L	99
27) 1,2-Dichloroethane	5.793	62	51925	10.234	ug/L #	95
29) Cyclohexane	5.388	56	52991	9.353	ug/L	99
30) 1,1,1-Trichloroethane	5.314	97	57358	10.181	ug/L	98
31) Carbon tetrachloride	5.523	117	47705	10.293	ug/L	99
33) Benzene	5.774	78	152696	9.966	ug/L	100
34) Trichloroethene	6.539	95	36515	10.290	ug/L	97
35) Methylcyclohexane	6.761	83	52099	9.146	ug/L	97
37) 1,2-Dichloropropane	6.790	63	43159	10.644	ug/L	99
38) Bromodichloromethane	7.105	83	50827	10.680	ug/L	100
39) cis-1,3-Dichloropropene	7.607	75	50889	9.293	ug/L	100
40) 4-Methyl-2-pentanone	7.790	43	105728	18.937	ug/L	97
42) Toluene	7.970	91	147101	9.445	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	49194	9.451	ug/L	100

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45) 1,1,2-Trichloroethane	8.401	97	39931	10.293	ug/L	97
46) Tetrachloroethene	8.552	164	26388	10.184	ug/L	96
48) 2-Hexanone	8.684	43	91559	17.877	ug/L	94
49) Dibromochloromethane	8.809	129	37663	10.119	ug/L	97
50) 1,2-Dibromoethane	8.922	107	40023	10.128	ug/L	98
51) Chlorobenzene	9.446	112	92865	9.694	ug/L	98
52) Ethylbenzene	9.571	91	138829	9.081	ug/L	99
53) m,p-Xylene	9.694	106	50916	8.629	ug/L	100
54) o-Xylene	10.099	106	50807	8.722	ug/L	99
55) Styrene	10.115	104	81816	8.441	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.780	83	72917	10.422	ug/L	97
59) Bromoform	10.292	173	28102	10.248	ug/L	99
60) 1,2,3-Trichloropropane	10.822	75	55339	10.304	ug/L	99
61) Isopropylbenzene	10.485	105	125763	8.736	ug/L	99
62) 1,3,5-Trimethylbenzene	11.086	105	93906	7.663	ug/L	99
63) 1,2,4-Trimethylbenzene	11.465	105	92123	7.779	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	58466	9.189	ug/L	97
65) 1,4-Dichlorobenzene	11.835	146	60827	9.673	ug/L	97
67) 1,2-Dichlorobenzene	12.211	146	64569	9.553	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.996	75	13828	9.580	ug/L	93
69) 1,3,5-Trichlorobenzene	13.221	180	40959	8.994	ug/L	97
70) 1,2,4-trichlorobenzene	13.841	180	30551	7.854	ug/L	99
71) Naphthalene	14.086	128	108864	7.721	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	36558	8.648	ug/L	99

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

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