

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092922\
 Data File : VU050983.D
 Acq On : 29 Sep 2022 16:27
 Operator : JC/MD
 Sample : VSTD20041
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD200041

Quant Time: Sep 30 01:23:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092922WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 30 01:20:42 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	418579	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	435130	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	265651	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	778143	181.781	ug/L	0.00
7) Chloroethane-d5	1.899	69	754694	240.679	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.562	63	1200719	181.829	ug/L	0.00
21) 2-Butanone-d5	4.623	46	1115035	404.393	ug/L	0.00
24) Chloroform-d	5.060	84	1289959	191.767	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.700	65	775877	187.062	ug/L	0.00
32) Benzene-d6	5.726	84	2608454	187.361	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.690	67	829844	177.341	ug/L	0.00
41) Toluene-d8	7.896	98	2546665	207.591	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.179	79	421813	204.559	ug/L	0.00
47) 2-Hexanone-d5	8.635	63	818384	428.900	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.754	84	1523074	208.018	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.192	152	1118376	199.642	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.382	85	634123	153.108	ug/L	100
3) Chloromethane	1.520	50	715034	148.109	ug/L	99
5) Vinyl chloride	1.604	62	784557	163.776	ug/L	99
6) Bromomethane	1.848	94	678565	255.563	ug/L	99
8) Chloroethane	1.919	64	626293	230.437	ug/L	99
9) Trichlorofluoromethane	2.128	101	1056710	196.008	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	582770	173.445	ug/L	99
12) 1,1-Dichloroethene	2.571	96	566197	180.013	ug/L	98
13) Acetone	2.629	43	672069	292.763	ug/L	98
14) Carbon disulfide	2.787	76	1609375	163.509	ug/L	100
15) Methyl Acetate	2.944	43	711313	164.018	ug/L	100
16) Methylene chloride	3.041	84	660091	150.186	ug/L	98
17) trans-1,2-Dichloroethene	3.346	96	593180	183.477	ug/L	98
18) Methyl tert-butyl Ether	3.359	73	1933806	195.494	ug/L	99
19) 1,1-Dichloroethane	3.864	63	1104346	169.989	ug/L	99
20) cis-1,2-Dichloroethene	4.661	96	698136	194.164	ug/L	100
22) 2-Butanone	4.700	43	1124751	370.209	ug/L	98
23) Bromochloromethane	4.970	128	356691	186.861	ug/L	97
25) Chloroform	5.086	83	1196892	182.030	ug/L	100
27) 1,2-Dichloroethane	5.790	62	911280	182.708	ug/L	99
29) Cyclohexane	5.385	56	973201	173.985	ug/L	99
30) 1,1,1-Trichloroethane	5.314	97	999028	177.816	ug/L	99
31) Carbon tetrachloride	5.520	117	822470	176.570	ug/L	98
33) Benzene	5.771	78	2643094	171.927	ug/L	100
34) Trichloroethene	6.539	95	688474	189.195	ug/L	99
35) Methylcyclohexane	6.761	83	1089415	191.625	ug/L	97
37) 1,2-Dichloropropane	6.790	63	690186	164.191	ug/L	99
38) Bromodichloromethane	7.105	83	925179	181.461	ug/L	99
39) cis-1,3-Dichloropropene	7.603	75	1116832	197.664	ug/L	99
40) 4-Methyl-2-pentanone	7.793	43	2242662	387.904	ug/L	99
42) Toluene	7.967	91	2982817	193.994	ug/L	99
44) trans-1,3-Dichloropropene	8.208	75	1100969	203.520	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.398	97	732178	184.710	ug/L	99
46) Tetrachloroethene	8.552	164	507595	193.087	ug/L	99
48) 2-Hexanone	8.687	43	1901231	386.767	ug/L	97
49) Dibromochloromethane	8.809	129	798291	203.105	ug/L	97
50) 1,2-Dibromoethane	8.922	107	802818	194.591	ug/L	98
51) Chlorobenzene	9.446	112	1866250	194.924	ug/L	98
52) Ethylbenzene	9.568	91	3319513	212.040	ug/L	100
53) m,p-Xylene	9.690	106	1284033	222.195	ug/L	99
54) o-Xylene	10.098	106	1294377	224.046	ug/L	100
55) Styrene	10.111	104	2296931	231.427	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.783	83	1431820	194.950	ug/L	100
59) Bromoform	10.291	173	673505	177.855	ug/L	99
60) 1,2,3-Trichloropropane	10.822	75	1158403	158.474	ug/L	100
61) Isopropylbenzene	10.481	105	3525530	190.996	ug/L	99
62) 1,3,5-Trimethylbenzene	11.086	105	3222456	210.291	ug/L	100
63) 1,2,4-Trimethylbenzene	11.465	105	3258283	217.142	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	1677630	196.741	ug/L	99
65) 1,4-Dichlorobenzene	11.835	146	1676789	191.600	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	1745467	188.994	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.995	75	366354	179.603	ug/L	95
69) 1,3,5-Trichlorobenzene	13.217	180	1213529	200.119	ug/L	99
70) 1,2,4-trichlorobenzene	13.838	180	1079825	218.665	ug/L	99
71) Naphthalene	14.082	128	4045017	216.431	ug/L	99
72) 1,2,3-Trichlorobenzene	14.327	180	1114691	201.360	ug/L	100

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

