

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092321\
 Data File : VU044774.D
 Acq On : 23 Sep 2021 10:24
 Operator : SY/MD
 Sample : VSTD05015
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050015

Quant Time: Sep 24 05:17:19 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 24 05:15:56 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	277423	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	268022	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	137700	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	146768	60.514	ug/L	0.00
7) Chloroethane-d5	1.906	69	119112	66.194	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.572	63	250056	60.503	ug/L	0.00
21) 2-Butanone-d5	4.633	46	235451	123.685	ug/L	0.00
24) Chloroform-d	5.070	84	235922	58.068	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.707	65	158230	61.573	ug/L	0.00
32) Benzene-d6	5.732	84	472319	57.631	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.697	67	152263	56.957	ug/L	0.00
41) Toluene-d8	7.903	98	411138	56.254	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.182	79	68091	57.896	ug/L	0.00
47) 2-Hexanone-d5	8.639	63	168551	127.453	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.761	84	224308	55.407	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.198	152	146345	53.000	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.388	85	127159	53.226	ug/L	100
3) Chloromethane	1.520	50	158989	54.411	ug/L	100
5) Vinyl chloride	1.607	62	155303	54.879	ug/L	100
6) Bromomethane	1.848	94	69627	52.613	ug/L	100
8) Chloroethane	1.929	64	97451	59.340	ug/L	100
9) Trichlorofluoromethane	2.138	101	179609	55.869	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	112334	54.072	ug/L	100
12) 1,1-Dichloroethene	2.581	96	105793	52.072	ug/L	100
13) Acetone	2.636	43	282967	179.777	ug/L	100
14) Carbon disulfide	2.797	76	332996	51.915	ug/L	100
15) Methyl Acetate	2.954	43	165063	56.005	ug/L	100
16) Methylene chloride	3.051	84	128188	42.581	ug/L	100
17) trans-1,2-Dichloroethene	3.356	96	110651	52.593	ug/L	100
18) Methyl tert-butyl Ether	3.372	73	367747	56.508	ug/L	100
19) 1,1-Dichloroethane	3.877	63	229023	54.932	ug/L	100
20) cis-1,2-Dichloroethene	4.674	96	122374	52.806	ug/L	100
22) 2-Butanone	4.713	43	309352	136.190	ug/L	100
23) Bromochloromethane	4.980	128	60476	48.765	ug/L	100
25) Chloroform	5.096	83	225412	55.121	ug/L	100
27) 1,2-Dichloroethane	5.800	62	190315	59.136	ug/L	100
29) Cyclohexane	5.395	56	209111	57.002	ug/L	100
30) 1,1,1-Trichloroethane	5.321	97	186432	55.883	ug/L	100
31) Carbon tetrachloride	5.530	117	145654	53.918	ug/L	100
33) Benzene	5.781	78	501271	54.287	ug/L	100
34) Trichloroethene	6.546	95	118674	52.971	ug/L	100
35) Methylcyclohexane	6.768	83	206465	57.417	ug/L	100
37) 1,2-Dichloropropane	6.797	63	134297	53.236	ug/L	100
38) Bromodichloromethane	7.112	83	164905	54.828	ug/L	100
39) cis-1,3-Dichloropropene	7.613	75	195288	56.212	ug/L	100
40) 4-Methyl-2-pentanone	7.800	43	449164	115.803	ug/L	100
42) Toluene	7.973	91	516563	53.785	ug/L	100
44) trans-1,3-Dichloropropene	8.214	75	186307	56.837	ug/L	100

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45) 1,1,2-Trichloroethane	8.404	97	120889	52.273	ug/L	100
46) Tetrachloroethene	8.559	164	84078	48.847	ug/L	100
48) 2-Hexanone	8.690	43	404334	126.685	ug/L	100
49) Dibromochloromethane	8.816	129	118454	50.396	ug/L	100
50) 1,2-Dibromoethane	8.928	107	126342	52.545	ug/L	100
51) Chlorobenzene	9.452	112	303078	51.163	ug/L	100
52) Ethylbenzene	9.575	91	536742	54.059	ug/L	100
53) m,p-Xylene	9.700	106	204992	54.621	ug/L	100
54) o-xylene	10.105	106	203533	54.645	ug/L	100
55) Styrene	10.118	104	351782	55.882	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.787	83	218960	51.663	ug/L	100
59) Bromoform	10.295	173	83382	46.667	ug/L	100
60) 1,2,3-Trichloropropane	10.829	75	180858	54.344	ug/L	100
61) Isopropylbenzene	10.488	105	519537	56.275	ug/L	100
62) 1,3,5-Trimethylbenzene	11.092	105	440134	57.345	ug/L	100
63) 1,2,4-Trimethylbenzene	11.472	105	452360	58.487	ug/L	100
64) 1,3-Dichlorobenzene	11.751	146	225203	51.004	ug/L	100
65) 1,4-Dichlorobenzene	11.841	146	228541	50.715	ug/L	100
67) 1,2-Dichlorobenzene	12.218	146	231944	50.459	ug/L	100
68) 1,2-Dibromo-3-chloropr...	13.002	75	54079	58.295	ug/L	100
69) 1,3,5-Trichlorobenzene	13.224	180	159086	49.131	ug/L	100
70) 1,2,4-trichlorobenzene	13.845	180	137966	49.947	ug/L	100
71) Naphthalene	14.092	128	513059	55.070	ug/L	100
72) 1,2,3-Trichlorobenzene	14.333	180	145425	50.274	ug/L	100

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

