

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071122\
 Data File : VU049669.D
 Acq On : 11 Jul 2022 11:34
 Operator : SY/MD
 Sample : VSTD10004
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD100004

Quant Time: Jul 12 02:12:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM071122WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jul 12 02:09:40 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.246	114	246276	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	231787	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	114047	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	210216	129.014	ug/L	0.00
7) Chloroethane-d5	1.899	69	148709	124.707	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.565	63	373251	123.388	ug/L	0.00
21) 2-Butanone-d5	4.620	46	363398	216.398	ug/L	0.00
24) Chloroform-d	5.063	84	375108	113.132	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.700	65	244357	113.374	ug/L	0.00
32) Benzene-d6	5.726	84	711632	118.994	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.690	67	240344	120.094	ug/L	0.00
41) Toluene-d8	7.896	98	629646	119.300	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.179	79	107167	115.101	ug/L	0.00
47) 2-Hexanone-d5	8.632	63	227359	222.923	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.754	84	328796	101.361	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.192	152	219717	109.268	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.382	85	284800	121.971	ug/L	99
3) Chloromethane	1.520	50	300670	120.150	ug/L	100
5) Vinyl chloride	1.604	62	283306	121.530	ug/L	99
6) Bromomethane	1.845	94	117536	94.158	ug/L	98
8) Chloroethane	1.922	64	154036	118.749	ug/L	99
9) Trichlorofluoromethane	2.131	101	351193	110.160	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	183114	102.509	ug/L	99
12) 1,1-Dichloroethene	2.575	96	172463	109.738	ug/L	87
13) Acetone	2.626	43	291508	209.867	ug/L	97
14) Carbon disulfide	2.787	76	570974	133.361	ug/L	98
15) Methyl Acetate	2.944	43	267657	102.129	ug/L	100
16) Methylene chloride	3.041	84	211259	103.673	ug/L	98
17) trans-1,2-Dichloroethene	3.349	96	186552	108.423	ug/L	97
18) Methyl tert-butyl Ether	3.362	73	652631	103.145	ug/L	99
19) 1,1-Dichloroethane	3.867	63	391144	105.745	ug/L	98
20) cis-1,2-Dichloroethene	4.665	96	211756	102.577	ug/L	97
22) 2-Butanone	4.700	43	433981	211.283	ug/L	100
23) Bromochloromethane	4.973	128	106716	99.139	ug/L	97
25) Chloroform	5.086	83	391358	102.661	ug/L	100
27) 1,2-Dichloroethane	5.793	62	328060	104.449	ug/L	99
29) Cyclohexane	5.388	56	371480	131.790	ug/L	98
30) 1,1,1-Trichloroethane	5.314	97	329097	100.480	ug/L	99
31) Carbon tetrachloride	5.523	117	271481	95.895	ug/L	99
33) Benzene	5.774	78	854245	109.915	ug/L	100
34) Trichloroethene	6.539	95	207643	106.875	ug/L	96
35) Methylcyclohexane	6.761	83	342641	122.627	ug/L	99
37) 1,2-Dichloropropane	6.790	63	233917	106.847	ug/L	100
38) Bromodichloromethane	7.105	83	292652	102.682	ug/L	98
39) cis-1,3-Dichloropropene	7.607	75	340583	107.156	ug/L	98
40) 4-Methyl-2-pentanone	7.790	43	783387	214.586	ug/L	99
42) Toluene	7.967	91	864724	108.014	ug/L	99
44) trans-1,3-Dichloropropene	8.208	75	309484	99.912	ug/L	100

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45) 1,1,2-Trichloroethane	8.398	97	202588	97.751	ug/L	99
46) Tetrachloroethene	8.552	164	146446	98.538	ug/L	96
48) 2-Hexanone	8.684	43	614519	207.163	ug/L	99
49) Dibromochloromethane	8.809	129	206367	91.217	ug/L	95
50) 1,2-Dibromoethane	8.922	107	206643	95.926	ug/L	99
51) Chlorobenzene	9.446	112	517391	98.270	ug/L	99
52) Ethylbenzene	9.568	91	926261	107.328	ug/L	100
53) m,p-Xylene	9.693	106	338705	102.161	ug/L	99
54) o-Xylene	10.098	106	334838	99.660	ug/L	95
55) Styrene	10.111	104	571777	102.110	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.780	83	359353	92.928	ug/L	99
59) Bromoform	10.288	173	151569	91.806	ug/L	99
60) 1,2,3-Trichloropropane	10.822	75	291994	99.326	ug/L	99
61) Isopropylbenzene	10.484	105	894368	113.348	ug/L	100
62) 1,3,5-Trimethylbenzene	11.086	105	771929	114.637	ug/L	99
63) 1,2,4-Trimethylbenzene	11.465	105	773338	136.036	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	368348	96.321	ug/L	100
65) 1,4-Dichlorobenzene	11.835	146	369343	95.744	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	379368	96.391	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.995	75	88369	93.198	ug/L	98
69) 1,3,5-Trichlorobenzene	13.217	180	267894	98.410	ug/L	99
70) 1,2,4-trichlorobenzene	13.838	180	248786	106.736	ug/L	98
71) Naphthalene	14.085	128	958363	114.832	ug/L	100
72) 1,2,3-Trichlorobenzene	14.327	180	263110	106.885	ug/L	99

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

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