

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102821\
 Data File : VU045432.D
 Acq On : 28 Oct 2021 11:21
 Operator : SY/MD
 Sample : VSTD05027
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050027

Quant Time: Oct 29 02:51:18 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM102821WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 29 02:49:32 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	312311	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	292719	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	149991	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	129460	80.427	ug/L	0.00
7) Chloroethane-d5	1.912	69	98683	68.670	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.568	63	229908	74.024	ug/L	0.00
21) 2-Butanone-d5	4.632	46	215416	105.044	ug/L	0.00
24) Chloroform-d	5.066	84	232915	60.832	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.706	65	151990	58.593	ug/L	0.00
32) Benzene-d6	5.732	84	461830	74.024	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.693	67	150391	65.021	ug/L	0.00
41) Toluene-d8	7.902	98	404311	75.222	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.182	79	71233	61.743	ug/L	0.00
47) 2-Hexanone-d5	8.639	63	164344	117.967	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.761	84	229826	54.988	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.198	152	153736	56.681	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	139175	57.958	ug/L	100
3) Chloromethane	1.520	50	164146	59.984	ug/L	100
5) Vinyl chloride	1.604	62	158204	53.820	ug/L	100
6) Bromomethane	1.861	94	81410	52.557	ug/L	100
8) Chloroethane	1.935	64	86564	48.246	ug/L	100
9) Trichlorofluoromethane	2.137	101	185514	52.125	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	112006	50.165	ug/L	100
12) 1,1-Dichloroethene	2.581	96	107776	51.977	ug/L	100
13) Acetone	2.642	43	164578	73.416	ug/L	100
14) Carbon disulfide	2.796	76	307371	53.512	ug/L	100
15) Methyl Acetate	2.954	43	147538	49.786	ug/L	100
16) Methylene chloride	3.047	84	130590	49.256	ug/L	100
17) trans-1,2-Dichloroethene	3.356	96	114440	51.408	ug/L	100
18) Methyl tert-butyl Ether	3.366	73	406561	52.532	ug/L	100
19) 1,1-Dichloroethane	3.874	63	231387	51.080	ug/L	100
20) cis-1,2-Dichloroethene	4.671	96	131852	51.876	ug/L	100
22) 2-Butanone	4.713	43	234356	91.500	ug/L	100
23) Bromochloromethane	4.980	128	62555	50.311	ug/L	100
25) Chloroform	5.092	83	229739	50.158	ug/L	100
27) 1,2-Dichloroethane	5.796	62	189254	51.347	ug/L	100
29) Cyclohexane	5.391	56	213409	58.512	ug/L	100
30) 1,1,1-Trichloroethane	5.320	97	190179	53.565	ug/L	100
31) Carbon tetrachloride	5.529	117	148395	54.059	ug/L	100
33) Benzene	5.777	78	518579	55.107	ug/L	100
34) Trichloroethene	6.546	95	124084	53.786	ug/L	100
35) Methylcyclohexane	6.767	83	215341	58.097	ug/L	100
37) 1,2-Dichloropropane	6.793	63	136536	53.658	ug/L	100
38) Bromodichloromethane	7.108	83	171331	52.201	ug/L	100
39) cis-1,3-Dichloropropene	7.610	75	212339	55.477	ug/L	100
40) 4-Methyl-2-pentanone	7.796	43	412781	106.903	ug/L	100
42) Toluene	7.973	91	541769	55.161	ug/L	100
44) trans-1,3-Dichloropropene	8.214	75	200474	54.971	ug/L	100

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45) 1,1,2-Trichloroethane	8.404	97	127734	52.646	ug/L	100
46) Tetrachloroethene	8.555	164	87442	54.333	ug/L	100
48) 2-Hexanone	8.690	43	347973	107.352	ug/L	100
49) Dibromochloromethane	8.812	129	124097	52.466	ug/L	100
50) 1,2-Dibromoethane	8.928	107	134784	53.617	ug/L	100
51) Chlorobenzene	9.449	112	324520	52.584	ug/L	100
52) Ethylbenzene	9.574	91	572662	54.060	ug/L	100
53) m,p-Xylene	9.697	106	223446	55.302	ug/L	100
54) o-xylene	10.102	106	220292	54.553	ug/L	100
55) Styrene	10.118	104	377020	55.237	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.787	83	231999	53.655	ug/L	100
59) Bromoform	10.295	173	88207	52.326	ug/L	100
60) 1,2,3-Trichloropropane	10.828	75	185257	52.399	ug/L	100
61) Isopropylbenzene	10.487	105	562773	53.536	ug/L	100
62) 1,3,5-Trimethylbenzene	11.092	105	487940	55.872	ug/L	100
63) 1,2,4-Trimethylbenzene	11.471	105	500278	56.446	ug/L	100
64) 1,3-Dichlorobenzene	11.748	146	248049	52.247	ug/L	100
65) 1,4-Dichlorobenzene	11.838	146	248052	51.557	ug/L	100
67) 1,2-Dichlorobenzene	12.217	146	257248	53.215	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.999	75	53773	54.224	ug/L	100
69) 1,3,5-Trichlorobenzene	13.224	180	179811	54.425	ug/L	100
70) 1,2,4-trichlorobenzene	13.844	180	163466	58.192	ug/L	100
71) Naphthalene	14.089	128	649395	67.056	ug/L	100
72) 1,2,3-Trichlorobenzene	14.333	180	170691	60.526	ug/L	100

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

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