

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032422\
 Data File : VU047632.D
 Acq On : 24 Mar 2022 12:33
 Operator : SY/MD
 Sample : VSTD00549
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005049

Quant Time: Mar 24 23:07:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 24 23:06:34 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	203399	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	215937	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	123393	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	13013	7.892	ug/L	0.00
7) Chloroethane-d5	1.919	69	9874	7.745	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.575	63	21342	7.312	ug/L	0.00
21) 2-Butanone-d5	4.649	46	19576	14.700	ug/L	0.00
24) Chloroform-d	5.067	84	23006	8.276	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.707	65	14313	7.768	ug/L	0.00
32) Benzene-d6	5.729	84	43475	7.151	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.694	67	13272	7.069	ug/L	0.00
41) Toluene-d8	7.899	98	39484	7.055	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.182	79	6648	7.287	ug/L	0.00
47) 2-Hexanone-d5	8.639	63	12565	13.604	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.758	84	21843	7.503	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.195	152	17259	7.351	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.388	85	14835	7.137	ug/L	99
3) Chloromethane	1.523	50	13569	7.170	ug/L	97
5) Vinyl chloride	1.607	62	14245	7.467	ug/L	99
6) Bromomethane	1.864	94	6908	6.480	ug/L	93
8) Chloroethane	1.938	64	9072	8.140	ug/L	97
9) Trichlorofluoromethane	2.144	101	19317	7.665	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	11384	7.962	ug/L	98
12) 1,1-Dichloroethene	2.584	96	10067	7.442	ug/L	99
13) Acetone	2.658	43	15866	10.501	ug/L	95
14) Carbon disulfide	2.800	76	32650	7.780	ug/L	99
15) Methyl Acetate	2.964	43	13193	7.035	ug/L	98
16) Methylene chloride	3.054	84	12036	7.459	ug/L	96
17) trans-1,2-Dichloroethene	3.363	96	10606	7.422	ug/L	94
18) Methyl tert-butyl Ether	3.369	73	28946	6.668	ug/L	99
19) 1,1-Dichloroethane	3.874	63	19529	7.526	ug/L	95
20) cis-1,2-Dichloroethene	4.674	96	11796	7.603	ug/L	94
22) 2-Butanone	4.723	43	18312	10.876	ug/L	96
23) Bromochloromethane	4.980	128	6847	8.520	ug/L	94
25) Chloroform	5.092	83	20984	7.308	ug/L	98
27) 1,2-Dichloroethane	5.800	62	15950	7.480	ug/L	98
29) Cyclohexane	5.391	56	13761	5.858	ug/L	98
30) 1,1,1-Trichloroethane	5.321	97	18209	7.195	ug/L	97
31) Carbon tetrachloride	5.526	117	15690	7.239	ug/L	99
33) Benzene	5.777	78	44747	7.131	ug/L	100
34) Trichloroethene	6.542	95	11401	6.926	ug/L	98
35) Methylcyclohexane	6.764	83	15332	6.113	ug/L	95
37) 1,2-Dichloropropane	6.793	63	11097	6.786	ug/L	# 97
38) Bromodichloromethane	7.108	83	15558	7.109	ug/L	93
39) cis-1,3-Dichloropropene	7.610	75	15847	6.396	ug/L	97
40) 4-Methyl-2-pentanone	7.796	43	31410	13.053	ug/L	96
42) Toluene	7.970	91	44579	6.604	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	15818	6.514	ug/L	85

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45) 1,1,2-Trichloroethane	8.401	97	12129	7.300	ug/L	98
46) Tetrachloroethene	8.555	164	10220	8.152	ug/L	97
48) 2-Hexanone	8.690	43	25270	11.866	ug/L	97
49) Dibromochloromethane	8.813	129	13500	7.667	ug/L	97
50) 1,2-Dibromoethane	8.925	107	13110	7.290	ug/L	97
51) Chlorobenzene	9.446	112	32391	7.385	ug/L	98
52) Ethylbenzene	9.571	91	44893	6.290	ug/L	96
53) m,p-Xylene	9.693	106	17247	6.166	ug/L	92
54) o-Xylene	10.102	106	16450	6.030	ug/L	94
55) Styrene	10.115	104	26112	5.631	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.783	83	21790	7.527	ug/L	97
59) Bromoform	10.292	173	11141	7.830	ug/L	96
60) 1,2,3-Trichloropropane	10.825	75	17087	6.658	ug/L	98
61) Isopropylbenzene	10.484	105	41459	5.563	ug/L	98
62) 1,3,5-Trimethylbenzene	11.089	105	20955	3.589	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	30618	4.963	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	25837	7.089	ug/L	95
65) 1,4-Dichlorobenzene	11.838	146	26836	7.116	ug/L	98
67) 1,2-Dichlorobenzene	12.214	146	25862	7.025	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.996	75	5028	7.150	ug/L	96
69) 1,3,5-Trichlorobenzene	13.221	180	19392	7.199	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	16480	6.901	ug/L	96
71) Naphthalene	14.089	128	39478	4.943	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	15905	6.576	ug/L	98

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

