

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031523\
 Data File : VU053193.D
 Acq On : 15 Mar 2023 10:59
 Operator : JC/MD
 Sample : VSTD10008
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD100008

Quant Time: Mar 16 03:45:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM031523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 16 03:43:12 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	176644	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	172243	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	93486	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	165981	101.722	ug/L	0.00
7) Chloroethane-d5	1.912	69	136916	100.766	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.568	63	289784	103.927	ug/L	0.00
21) 2-Butanone-d5	4.620	46	155198	185.927	ug/L	0.00
24) Chloroform-d	5.057	84	275805	97.854	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.697	65	169879	95.090	ug/L	0.00
32) Benzene-d6	5.722	84	571525	94.996	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.684	67	183827	93.673	ug/L	0.00
41) Toluene-d8	7.893	98	529981	95.156	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.172	79	92197	92.659	ug/L	0.00
47) 2-Hexanone-d5	8.626	63	118434	177.943	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.751	84	240932	92.345	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.188	152	186669	92.436	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	193541	106.777	ug/L	100
3) Chloromethane	1.520	50	172643	98.267	ug/L	100
5) Vinyl chloride	1.604	62	195143	103.525	ug/L	98
6) Bromomethane	1.858	94	122875	102.929	ug/L	97
8) Chloroethane	1.935	64	115696	101.297	ug/L	99
9) Trichlorofluoromethane	2.141	101	240263	99.051	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	147970	107.055	ug/L	98
12) 1,1-Dichloroethene	2.581	96	135703	104.445	ug/L	97
13) Acetone	2.632	43	171461	284.329	ug/L	99
14) Carbon disulfide	2.793	76	411666	98.315	ug/L	99
15) Methyl Acetate	2.944	43	122540	104.578	ug/L	100
16) Methylene chloride	3.044	84	153338	101.907	ug/L	99
17) trans-1,2-Dichloroethene	3.349	96	137637	104.013	ug/L	97
18) Methyl tert-butyl Ether	3.359	73	473625	106.701	ug/L	98
19) 1,1-Dichloroethane	3.867	63	279342	107.011	ug/L	99
20) cis-1,2-Dichloroethene	4.661	96	162186	104.977	ug/L	98
22) 2-Butanone	4.697	43	200065	233.586	ug/L	99
23) Bromochloromethane	4.970	128	78517	107.940	ug/L	95
25) Chloroform	5.083	83	283127	106.337	ug/L	98
27) 1,2-Dichloroethane	5.787	62	218958	106.083	ug/L	100
29) Cyclohexane	5.385	56	260302	102.216	ug/L	98
30) 1,1,1-Trichloroethane	5.311	97	242185	101.204	ug/L	99
31) Carbon tetrachloride	5.520	117	200724	99.180	ug/L	99
33) Benzene	5.771	78	619293	102.364	ug/L	100
34) Trichloroethene	6.536	95	159404	101.217	ug/L	97
35) Methylcyclohexane	6.758	83	282722	103.746	ug/L	100
37) 1,2-Dichloropropane	6.783	63	172813	103.180	ug/L	99
38) Bromodichloromethane	7.099	83	219339	104.393	ug/L	100
39) cis-1,3-Dichloropropene	7.600	75	291746	106.059	ug/L	100
40) 4-Methyl-2-pentanone	7.783	43	351235	196.699	ug/L	99
42) Toluene	7.963	91	668549	103.339	ug/L	99
44) trans-1,3-Dichloropropene	8.205	75	266054	104.866	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	8.394	97	158160	104.447	ug/L	99
46) Tetrachloroethene	8.549	164	106336	102.515	ug/L	98
48) 2-Hexanone	8.677	43	292804	204.649	ug/L	98
49) Dibromochloromethane	8.806	129	164584	104.950	ug/L	98
50) 1,2-Dibromoethane	8.918	107	169549	104.887	ug/L	99
51) Chlorobenzene	9.442	112	413510	103.274	ug/L	99
52) Ethylbenzene	9.565	91	762459	105.726	ug/L	99
53) m,p-Xylene	9.687	106	285488	105.552	ug/L	99
54) o-Xylene	10.095	106	281449	104.714	ug/L	100
55) Styrene	10.108	104	482308	107.971	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.777	83	257510	104.049	ug/L	98
59) Bromoform	10.285	173	114123	100.301	ug/L	100
60) 1,2,3-Trichloropropane	10.815	75	190811	98.186	ug/L	99
61) Isopropylbenzene	10.478	105	762166	102.339	ug/L	99
62) 1,3,5-Trimethylbenzene	11.082	105	638689	101.499	ug/L	100
63) 1,2,4-Trimethylbenzene	11.462	105	625563	102.348	ug/L	100
64) 1,3-Dichlorobenzene	11.741	146	323837	105.295	ug/L	99
65) 1,4-Dichlorobenzene	11.831	146	326664	104.841	ug/L	98
67) 1,2-Dichlorobenzene	12.208	146	322668	104.356	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.989	75	55754	98.366	ug/L	98
69) 1,3,5-Trichlorobenzene	13.214	180	215429	103.633	ug/L	99
70) 1,2,4-trichlorobenzene	13.835	180	201002	102.515	ug/L	100
71) Naphthalene	14.082	128	692862	92.664	ug/L	100
72) 1,2,3-Trichlorobenzene	14.323	180	192575	98.633	ug/L	100

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

