

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU033123\
 Data File : VU053489.D
 Acq On : 31 Mar 2023 13:17
 Operator : JC/MD
 Sample : VSTD05013
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050013

Quant Time: Apr 01 04:38:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM033123WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 01 04:36:17 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	290159	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	275864	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	157192	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	113535	43.527	ug/L	0.00
7) Chloroethane-d5	1.909	69	86018	41.117	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.565	63	176075	43.839	ug/L	0.00
21) 2-Butanone-d5	4.613	46	104776	100.517	ug/L	0.00
24) Chloroform-d	5.057	84	187397	43.577	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.694	65	112298	43.445	ug/L	0.00
32) Benzene-d6	5.722	84	373936	42.564	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.684	67	112653	41.622	ug/L	0.00
41) Toluene-d8	7.893	98	369572	42.932	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.176	79	57339	39.286	ug/L	0.00
47) 2-Hexanone-d5	8.626	63	79240	94.124	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.751	84	161420	42.930	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.188	152	157892	45.984	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.382	85	118252	51.281	ug/L	100
3) Chloromethane	1.520	50	99161	47.369	ug/L	100
5) Vinyl chloride	1.604	62	112947	44.405	ug/L	100
6) Bromomethane	1.851	94	81556	46.075	ug/L	100
8) Chloroethane	1.932	64	65364	42.289	ug/L	100
9) Trichlorofluoromethane	2.137	101	175743	45.146	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	101758	50.434	ug/L	100
12) 1,1-Dichloroethene	2.578	96	88947	47.071	ug/L	100
13) Acetone	2.620	43	88580	93.401	ug/L	100
14) Carbon disulfide	2.790	76	237107	43.037	ug/L	100
15) Methyl Acetate	2.941	43	73782	52.331	ug/L	100
16) Methylene chloride	3.041	84	97152	43.004	ug/L	100
17) trans-1,2-Dichloroethene	3.350	96	90588	45.163	ug/L	100
18) Methyl tert-butyl Ether	3.356	73	263694	42.852	ug/L	100
19) 1,1-Dichloroethane	3.864	63	150511	44.121	ug/L	100
20) cis-1,2-Dichloroethene	4.661	96	105281	46.489	ug/L	100
22) 2-Butanone	4.694	43	112531	100.077	ug/L	100
23) Bromochloromethane	4.970	128	58748	47.469	ug/L	100
25) Chloroform	5.083	83	173545	45.237	ug/L	100
27) 1,2-Dichloroethane	5.787	62	123054	44.939	ug/L	100
29) Cyclohexane	5.385	56	133060	42.210	ug/L	100
30) 1,1,1-Trichloroethane	5.311	97	154998	44.717	ug/L	100
31) Carbon tetrachloride	5.520	117	137354	45.151	ug/L	100
33) Benzene	5.768	78	365236	44.355	ug/L	100
34) Trichloroethene	6.536	95	108116	47.352	ug/L	100
35) Methylcyclohexane	6.758	83	160279	42.406	ug/L	100
37) 1,2-Dichloropropane	6.784	63	92599	44.211	ug/L	100
38) Bromodichloromethane	7.099	83	123016	41.352	ug/L	100
39) cis-1,3-Dichloropropene	7.600	75	152251	42.715	ug/L	100
40) 4-Methyl-2-pentanone	7.783	43	201651	97.114	ug/L	100
42) Toluene	7.964	91	413482	44.297	ug/L	100
44) trans-1,3-Dichloropropene	8.205	75	144208	41.904	ug/L	100

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45) 1,1,2-Trichloroethane	8.394	97	102385	46.835	ug/L	100
46) Tetrachloroethene	8.549	164	90427	49.595	ug/L	100
48) 2-Hexanone	8.677	43	159356	96.506	ug/L	100
49) Dibromochloromethane	8.803	129	107259	41.727	ug/L	100
50) 1,2-Dibromoethane	8.918	107	114265	47.778	ug/L	100
51) Chlorobenzene	9.443	112	278155	45.888	ug/L	100
52) Ethylbenzene	9.565	91	457168	44.437	ug/L	100
53) m,p-Xylene	9.690	106	178805	44.115	ug/L	100
54) o-xylene	10.095	106	177982	44.284	ug/L	100
55) Styrene	10.108	104	292627	43.468	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.777	83	147110	43.811	ug/L	100
59) Bromoform	10.285	173	80814	40.864	ug/L	100
60) 1,2,3-Trichloropropane	10.816	75	114752	45.124	ug/L	100
61) Isopropylbenzene	10.478	105	468849	44.277	ug/L	100
62) 1,3,5-Trimethylbenzene	11.082	105	392069	42.391	ug/L	100
63) 1,2,4-Trimethylbenzene	11.462	105	386892	42.915	ug/L	100
64) 1,3-Dichlorobenzene	11.742	146	238841	49.028	ug/L	100
65) 1,4-Dichlorobenzene	11.832	146	236854	48.304	ug/L	100
67) 1,2-Dichlorobenzene	12.208	146	238753	48.636	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.989	75	30328	40.145	ug/L	100
69) 1,3,5-Trichlorobenzene	13.214	180	176689	47.289	ug/L	100
70) 1,2,4-trichlorobenzene	13.835	180	161304	47.947	ug/L	100
71) Naphthalene	14.079	128	495974	49.282	ug/L	100
72) 1,2,3-Trichlorobenzene	14.323	180	162622	49.204	ug/L	100

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

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