

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW032321\
 Data File : VW020717.D
 Acq On : 23 Mar 2021 17:51
 Operator : SY/MD
 Sample : VSTD05066
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05066

Quant Time: Mar 24 04:35:00 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM032321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Mar 24 04:32:38 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	744338	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	738242	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.255	152	408484	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.310	65	259028	44.36	ug/L	0.00
7) Chloroethane-d5	1.571	69	198393	42.90	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.111	63	499817	44.92	ug/L	0.00
21) 2-Butanone-d5	3.899	46	354326	95.11	ug/L	0.00
24) Chloroform-d	4.352	84	531171	50.95	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.034	65	347640	50.73	ug/L	0.00
32) Benzene-d6	5.053	84	987719	49.06	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.072	67	298547	46.87	ug/L	0.00
41) Toluene-d8	7.320	98	937297	51.77	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.625	79	164135	53.74	ug/L	0.00
47) 2-Hexanone-d5	8.092	63	264911	108.92	ug/L	0.00
57) 1,1,2,2-Tetrachloroeth...	10.220	84	433317	52.83	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.632	152	394205	49.64	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.130	85	352270	55.72	ug/L	100
3) Chloromethane	1.243	50	285920	42.18	ug/L	100
5) Vinyl chloride	1.314	62	288388	42.09	ug/L	100
6) Bromomethane	1.526	94	185603	45.31	ug/L	100
8) Chloroethane	1.587	64	170984	41.50	ug/L	100
9) Trichlorofluoromethane	1.757	101	506739	52.62	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	240001	47.12	ug/L	100
12) 1,1-Dichloroethene	2.121	96	223815	45.57	ug/L	100
13) Acetone	2.195	43	238978	79.80	ug/L	100
14) Carbon disulfide	2.298	76	738184	48.70	ug/L	100
15) Methyl Acetate	2.439	43	264616	46.02	ug/L	100
16) Methylene chloride	2.510	84	266084	46.60	ug/L	100
17) trans-1,2-Dichloroethene	2.764	96	259753	48.91	ug/L	100
18) Methyl tert-butyl Ether	2.770	73	810632	49.99	ug/L	100
19) 1,1-Dichloroethane	3.195	63	482321	47.87	ug/L	100
20) cis-1,2-Dichloroethene	3.915	96	278735	50.84	ug/L	100
22) 2-Butanone	3.982	43	376315	90.11	ug/L	100
23) Bromochloromethane	4.249	128	147920	53.16	ug/L	100
25) Chloroform	4.381	83	512231	48.43	ug/L	100
27) 1,2-Dichloroethane	5.133	62	423503	50.25	ug/L	100
29) Cyclohexane	4.683	56	434627	48.87	ug/L	100
30) 1,1,1-Trichloroethane	4.613	97	476228	52.84	ug/L	100
31) Carbon tetrachloride	4.831	117	420566	56.54	ug/L	100
33) Benzene	5.101	78	1076571	49.07	ug/L	100
34) Trichloroethene	5.918	95	289210	47.06	ug/L	100
35) Methylcyclohexane	6.133	83	449853	52.07	ug/L	100
37) 1,2-Dichloropropane	6.178	63	277574	48.42	ug/L	100
38) Bromodichloromethane	6.513	83	390800	50.91	ug/L	100
39) cis-1,3-Dichloropropene	7.031	75	435108	50.73	ug/L	100
40) 4-Methyl-2-pentanone	7.230	43	756808	90.41	ug/L	100
42) Toluene	7.391	91	1183270	51.25	ug/L	100
44) trans-1,3-Dichloropropene	7.654	75	453430	53.30	ug/L	100

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45) 1,1,2-Trichloroethane	7.841	97	272084	50.73	ug/L	100
46) Tetrachloroethene	7.979	164	240711	57.77	ug/L	100
48) 2-Hexanone	8.143	43	584001	89.21	ug/L	100
49) Dibromochloromethane	8.249	129	314939	54.88	ug/L	100
50) 1,2-Dibromoethane	8.355	107	293286	50.46	ug/L	100
51) Chlorobenzene	8.886	112	764707	50.69	ug/L	100
52) Ethylbenzene	9.014	91	1334414	51.08	ug/L	100
53) m,p-Xylene	9.143	106	502414	52.14	ug/L	100
54) o-xylene	9.548	106	484833	52.07	ug/L	100
55) Styrene	9.564	104	868903	53.43	ug/L	100
56) Isopropylbenzene	9.934	105	1343890	53.23	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.246	83	448881	54.83	ug/L	100
59) 1,2,3-Trichloropropane	10.278	75	364874	49.88	ug/L	100
61) Bromoform	9.735	173	238080	57.01	ug/L	100
62) 1,3-Dichlorobenzene	11.185	146	644681	49.84	ug/L	100
63) 1,4-Dichlorobenzene	11.278	146	665388	49.13	ug/L	100
65) 1,2-Dichlorobenzene	11.648	146	638354	49.42	ug/L	100
66) 1,2-Dibromo-3-chloropr...	12.432	75	110064	55.13	ug/L	100
67) 1,3,5-Trichlorobenzene	12.651	180	496961	52.90	ug/L	100
68) 1,2,4-trichlorobenzene	13.268	180	445953	54.52	ug/L	100
69) Naphthalene	13.509	128	1328177	51.14	ug/L	100
70) 1,2,3-Trichlorobenzene	13.750	180	443946	54.80	ug/L	100

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

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