

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW031321\
 Data File : VW020566.D
 Acq On : 12 Mar 2021 15:12
 Operator : SY/MD
 Sample : VSTD10066
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD10066

Manual Integrations
 APPROVED

MMDadoda
 3/15/2021 10:06:03 AM

Quant Time: Mar 12 15:32:29 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM031321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 12 15:29:36 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	499425	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	494716	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.255	152	253255	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	403701	107.94	ug/L	0.00
7) Chloroethane-d5	1.571	69	323888	110.91	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.111	63	772274	119.46	ug/L	0.00
21) 2-Butanone-d5	3.889	46	550672	271.45	ug/L	0.00
24) Chloroform-d	4.352	84	722945	111.67	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.034	65	472398	116.62	ug/L	0.00
32) Benzene-d6	5.053	84	1419748	111.53	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.072	67	464174	118.66	ug/L	0.00
41) Toluene-d8	7.320	98	1286446	106.63	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.622	79	232863	125.46	ug/L	0.00
47) 2-Hexanone-d5	8.091	63	384314	272.33	ug/L	0.00
57) 1,1,2,2-Tetrachloroeth...	10.220	84	597881	117.55	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.631	152	498706	101.35	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.130	85	403609	90.00	ug/L	100
3) Chloromethane	1.243	50	484282	116.27	ug/L	100
5) Vinyl chloride	1.314	62	482698	111.89	ug/L	100
6) Bromomethane	1.526	94	277904	96.73	ug/L	97
8) Chloroethane	1.587	64	288239	116.46	ug/L	99
9) Trichlorofluoromethane	1.754	101	631531	102.80	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	338803	102.18	ug/L	97
12) 1,1-Dichloroethene	2.121	96	335942	102.92	ug/L	87
13) Acetone	2.185	43	381835	260.79	ug/L	98
14) Carbon disulfide	2.297	76	1043933	112.68	ug/L	100
15) Methyl Acetate	2.436	43	426447	133.88	ug/L	99
16) Methylene chloride	2.510	84	385414	107.74	ug/L	98
17) trans-1,2-Dichloroethene	2.760	96	358530	105.04	ug/L	99
18) Methyl tert-butyl Ether	2.770	73	1138348	119.78	ug/L	99
19) 1,1-Dichloroethane	3.191	63	703915	119.51	ug/L	100
20) cis-1,2-Dichloroethene	3.915	96	400892m	111.54	ug/L	
22) 2-Butanone	3.973	43	614639	286.72	ug/L	97
23) Bromochloromethane	4.249	128	191545	95.95	ug/L	95
25) Chloroform	4.378	83	724617	112.16	ug/L	99
27) 1,2-Dichloroethane	5.133	62	580223	120.59	ug/L	99
29) Cyclohexane	4.683	56	641240	134.08	ug/L	98
30) 1,1,1-Trichloroethane	4.612	97	609056	110.13	ug/L	100
31) Carbon tetrachloride	4.831	117	501115	103.51	ug/L	99
33) Benzene	5.101	78	1557468	115.85	ug/L	100
34) Trichloroethene	5.915	95	425122	106.74	ug/L	97
35) Methylcyclohexane	6.136	83	612356	117.63	ug/L	99
37) 1,2-Dichloropropane	6.178	63	413860	122.36	ug/L	100
38) Bromodichloromethane	6.513	83	540507	119.02	ug/L	99
39) cis-1,3-Dichloropropene	7.030	75	652207	127.82	ug/L	99
40) 4-Methyl-2-pentanone	7.230	43	1248178	296.81	ug/L	97
42) Toluene	7.390	91	1655004	113.28	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	635182	127.23	ug/L	99

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

45) 1,1,2-Trichloroethane	7.841	97	386652	109.18	ug/L	98
46) Tetrachloroethene	7.979	164	282391	89.25	ug/L	97
48) 2-Hexanone	8.143	43	966006	295.31	ug/L	98
49) Dibromochloromethane	8.249	129	398128	104.50	ug/L	99
50) 1,2-Dibromoethane	8.355	107	406985	107.85	ug/L	98
51) Chlorobenzene	8.886	112	1029370	101.86	ug/L	100
52) Ethylbenzene	9.017	91	1886573	116.42	ug/L	100
53) m,p-Xylene	9.143	106	703575	113.55	ug/L	95
54) o-xylene	9.548	106	680017	113.98	ug/L	98
55) Styrene	9.564	104	1220035	118.14	ug/L	96
56) Isopropylbenzene	9.937	105	1856714	116.61	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.246	83	584375	119.74	ug/L	99
59) 1,2,3-Trichloropropane	10.278	75	509976	113.74	ug/L	100
61) Bromoform	9.734	173	273558	107.65	ug/L	99
62) 1,3-Dichlorobenzene	11.185	146	829949	107.49	ug/L	98
63) 1,4-Dichlorobenzene	11.278	146	846995	105.23	ug/L	98
65) 1,2-Dichlorobenzene	11.648	146	831267	107.04	ug/L	98
66) 1,2-Dibromo-3-chloropr...	12.435	75	137001	139.71	ug/L	93
67) 1,3,5-Trichlorobenzene	12.651	180	589041	99.92	ug/L	98
68) 1,2,4-trichlorobenzene	13.268	180	540691	106.30	ug/L	98
69) Naphthalene	13.509	128	1833898	130.81	ug/L	100
70) 1,2,3-Trichlorobenzene	13.750	180	532458	103.79	ug/L	99

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

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