

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041321\
 Data File : VW020989.D
 Acq On : 13 Apr 2021 10:00
 Operator : SY/MD
 Sample : VSTD01066
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD01066

Manual Integrations
 APPROVED

MMDadoda
 4/16/2021 9:45:45 AM

Quant Time: Apr 14 03:10:00 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM041321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 14 03:08:27 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	503679	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	502863	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.255	152	285098	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.310	65	28658	8.33	ug/L	0.00
7) Chloroethane-d5	1.571	69	22453	8.57	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.114	63	62660	9.47	ug/L	0.00
21) 2-Butanone-d5	3.918	46	30689	13.83	ug/L	0.03
24) Chloroform-d	4.358	84	75058	10.57	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.040	65	46062	9.81	ug/L	0.00
32) Benzene-d6	5.056	84	121026	9.13	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.075	67	34316	8.53	ug/L	0.00
41) Toluene-d8	7.323	98	120238	9.58	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.632	79	20040	9.12	ug/L	0.00
47) 2-Hexanone-d5	8.098	63	25637	15.27	ug/L	0.00
57) 1,1,2,2-Tetrachloroeth...	10.223	84	51600	8.68	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.632	152	56406	10.07	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.134	85	46303	10.02	ug/L	97
3) Chloromethane	1.243	50	34914	9.65	ug/L	99
5) Vinyl chloride	1.314	62	33960	9.19	ug/L	95
6) Bromomethane	1.526	94	20187	8.79	ug/L	92
8) Chloroethane	1.590	64	27212	12.40	ug/L	86
9) Trichlorofluoromethane	1.757	101	76354	11.44	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	37111	11.52	ug/L	96
12) 1,1-Dichloroethene	2.124	96	33233	11.23	ug/L	97
13) Acetone	2.191	43	31287	19.13	ug/L	82
14) Carbon disulfide	2.297	76	97701	10.29	ug/L	100
15) Methyl Acetate	2.442	43	26663	8.12	ug/L	97
16) Methylene chloride	2.513	84	35636	10.09	ug/L	95
17) trans-1,2-Dichloroethene	2.767	96	34744	10.37	ug/L	93
18) Methyl tert-butyl Ether	2.773	73	103660	9.98	ug/L	99
19) 1,1-Dichloroethane	3.195	63	61086	9.97	ug/L	97
20) cis-1,2-Dichloroethene	3.921	96	36815	10.32	ug/L	99
22) 2-Butanone	3.995	43	37169m	16.11	ug/L	
23) Bromochloromethane	4.256	128	21763	11.03	ug/L	93
25) Chloroform	4.384	83	74312	11.12	ug/L	99
27) 1,2-Dichloroethane	5.137	62	57192	10.76	ug/L	99
29) Cyclohexane	4.683	56	45026	8.21	ug/L	98
30) 1,1,1-Trichloroethane	4.616	97	72750	11.45	ug/L	97
31) Carbon tetrachloride	4.831	117	68295	11.85	ug/L	99
33) Benzene	5.108	78	138168	10.14	ug/L	100
34) Trichloroethene	5.924	95	37993	10.01	ug/L	95
35) Methylcyclohexane	6.137	83	52301	9.01	ug/L	96
37) 1,2-Dichloropropane	6.178	63	31240	8.84	ug/L #	96
38) Bromodichloromethane	6.516	83	56256	10.93	ug/L	99
39) cis-1,3-Dichloropropene	7.037	75	52899	9.48	ug/L	97
40) 4-Methyl-2-pentanone	7.233	43	70999	15.29	ug/L	99
42) Toluene	7.394	91	154419	10.25	ug/L	99
44) trans-1,3-Dichloropropene	7.657	75	55209	9.85	ug/L	100

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45) 1,1,2-Trichloroethane	7.844	97	36692	10.24	ug/L	91
46) Tetrachloroethene	7.982	164	37209	11.33	ug/L	99
48) 2-Hexanone	8.146	43	54920	15.42	ug/L	93
49) Dibromochloromethane	8.252	129	49381	11.49	ug/L	95
50) 1,2-Dibromoethane	8.358	107	40940	10.60	ug/L	96
51) Chlorobenzene	8.889	112	108723	10.68	ug/L	94
52) Ethylbenzene	9.017	91	169066	9.80	ug/L	100
53) m,p-Xylene	9.143	106	66215	10.25	ug/L	99
54) o-xylene	9.548	106	63429	10.21	ug/L	95
55) Styrene	9.567	104	105066	9.67	ug/L	92
56) Isopropylbenzene	9.937	105	168592	9.84	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.246	83	59572	10.29	ug/L #	96
59) 1,2,3-Trichloropropane	10.281	75	47037	10.00	ug/L	98
61) Bromoform	9.738	173	38419	11.53	ug/L	100
62) 1,3-Dichlorobenzene	11.188	146	93232	10.65	ug/L	96
63) 1,4-Dichlorobenzene	11.278	146	98037	10.81	ug/L	99
65) 1,2-Dichlorobenzene	11.651	146	95066	10.99	ug/L	98
66) 1,2-Dibromo-3-chloropr...	12.432	75	13001	9.11	ug/L	93
67) 1,3,5-Trichlorobenzene	12.654	180	75100	10.89	ug/L	98
68) 1,2,4-trichlorobenzene	13.268	180	57044	9.88	ug/L	97
69) Naphthalene	13.509	128	141634	8.68	ug/L	99
70) 1,2,3-Trichlorobenzene	13.754	180	60108	10.33	ug/L	98

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

