

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041321\
 Data File : VW020988.D
 Acq On : 13 Apr 2021 09:36
 Operator : SY/MD
 Sample : VSTD00565
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00565

Manual Integrations
 APPROVED

MMDadoda
 4/16/2021 9:45:40 AM

Quant Time: Apr 14 03:09:00 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	5.619	114	492608	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	491468	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.255	152	270987	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.311	65	14560	4.32	ug/L	0.00
7) Chloroethane-d5	1.571	69	11363	4.43	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.111	63	31521	4.87	ug/L	0.00
21) 2-Butanone-d5	3.928	46	13853m	6.38	ug/L	0.04
24) Chloroform-d	4.352	84	35636	5.13	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.040	65	23473	5.11	ug/L	0.00
32) Benzene-d6	5.056	84	56294	4.34	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.076	67	17470	4.45	ug/L	0.00
41) Toluene-d8	7.320	98	57382	4.68	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.629	79	9147	4.26	ug/L	0.00
47) 2-Hexanone-d5	8.098	63	11575	7.05	ug/L	0.00
57) 1,1,2,2-Tetrachloroeth...	10.220	84	26814	4.61	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.632	152	27345	5.14	ug/L	0.00
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.134	85	23454	5.19	ug/L	97
3) Chloromethane	1.243	50	17236	4.87	ug/L	99
5) Vinyl chloride	1.314	62	16791	4.64	ug/L	92
6) Bromomethane	1.526	94	10709	4.77	ug/L	85
8) Chloroethane	1.590	64	14690	6.84	ug/L #	78
9) Trichlorofluoromethane	1.757	101	39189	6.00	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	20406	6.47	ug/L	98
12) 1,1-Dichloroethene	2.124	96	16263	5.62	ug/L	99
13) Acetone	2.188	43	18419	11.51	ug/L	92
14) Carbon disulfide	2.298	76	48056	5.17	ug/L	99
15) Methyl Acetate	2.446	43	12151	3.79	ug/L	92
16) Methylene chloride	2.513	84	18813	5.45	ug/L	94
17) trans-1,2-Dichloroethene	2.767	96	18545	5.66	ug/L	98
18) Methyl tert-butyl Ether	2.773	73	52182	5.14	ug/L	100
19) 1,1-Dichloroethane	3.195	63	31421	5.24	ug/L	97
20) cis-1,2-Dichloroethene	3.918	96	18897	5.42	ug/L	90
22) 2-Butanone	4.002	43	18162m	8.05	ug/L	
23) Bromochloromethane	4.259	128	11414	5.91	ug/L	97
25) Chloroform	4.381	83	38529	5.89	ug/L	98
27) 1,2-Dichloroethane	5.137	62	29423	5.66	ug/L	99
29) Cyclohexane	4.680	56	20369	3.80	ug/L	92
30) 1,1,1-Trichloroethane	4.616	97	37375	6.02	ug/L	99
31) Carbon tetrachloride	4.831	117	35038	6.22	ug/L	100
33) Benzene	5.105	78	64753	4.86	ug/L	100
34) Trichloroethene	5.924	95	19608	5.29	ug/L	97
35) Methylcyclohexane	6.133	83	27876	4.92	ug/L	96
37) 1,2-Dichloropropane	6.182	63	16076	4.65	ug/L	97
38) Bromodichloromethane	6.516	83	28409	5.65	ug/L	97
39) cis-1,3-Dichloropropene	7.037	75	23286	4.27	ug/L	98
40) 4-Methyl-2-pentanone	7.233	43	32071	7.06	ug/L	99
42) Toluene	7.394	91	73119	4.97	ug/L	98
44) trans-1,3-Dichloropropene	7.661	75	26336	4.81	ug/L	98

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45) 1,1,2-Trichloroethane	7.844	97	18304	5.23	ug/L	99
46) Tetrachloroethene	7.979	164	20391	6.35	ug/L	87
48) 2-Hexanone	8.149	43	25439	7.31	ug/L #	95
49) Dibromochloromethane	8.249	129	24556	5.85	ug/L	99
50) 1,2-Dibromoethane	8.358	107	20033	5.31	ug/L	99
51) Chlorobenzene	8.886	112	54003	5.43	ug/L	93
52) Ethylbenzene	9.018	91	82559	4.90	ug/L	99
53) m,p-Xylene	9.143	106	32314	5.12	ug/L	100
54) o-xylene	9.548	106	29050	4.78	ug/L	98
55) Styrene	9.567	104	45291	4.27	ug/L	100
56) Isopropylbenzene	9.937	105	82035	4.90	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.246	83	28519	5.04	ug/L	98
59) 1,2,3-Trichloropropane	10.281	75	22873	4.97	ug/L	99
61) Bromoform	9.735	173	18944	5.98	ug/L	100
62) 1,3-Dichlorobenzene	11.188	146	45462	5.46	ug/L	98
63) 1,4-Dichlorobenzene	11.278	146	47841	5.55	ug/L	99
65) 1,2-Dichlorobenzene	11.651	146	46290	5.63	ug/L	100
66) 1,2-Dibromo-3-chloropr...	12.435	75	7004	5.17	ug/L	93
67) 1,3,5-Trichlorobenzene	12.654	180	35873	5.47	ug/L	98
68) 1,2,4-trichlorobenzene	13.271	180	27451	5.00	ug/L	98
69) Naphthalene	13.509	128	59711	3.85	ug/L	96
70) 1,2,3-Trichlorobenzene	13.751	180	26124	4.72	ug/L	94

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

