

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW011121\
 Data File : VW019960.D
 Acq On : 11 Jan 2021 11:56
 Operator : SY/MD
 Sample : VSTD00562
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00562

Manual Integrations
 APPROVED

MMdadoda
 1/13/2021 7:00:52 AM

Quant Time: Jan 11 13:20:06 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM011121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Jan 11 13:15:38 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.624	114	390293	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.859	117	376328	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.254	152	193816	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.309	65	16020	5.20	ug/L	0.00
7) Chloroethane-d5	1.570	69	12921	5.27	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.113	63	32334	5.51	ug/L	0.00
21) 2-Butanone-d5	3.920	46	19889m	8.99	ug/L	0.03
24) Chloroform-d	4.357	84	28540	4.94	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.045	65	19555	5.15	ug/L	0.00
32) Benzene-d6	5.058	84	50692	4.68	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.077	67	15880	4.50	ug/L	0.00
41) Toluene-d8	7.322	98	44215	4.56	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.634	79	7658	4.33	ug/L	0.00
47) 2-Hexanone-d5	8.100	63	9933	6.94	ug/L	0.00
57) 1,1,2,2-Tetrachloroeth...	10.222	84	19619	4.25	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.633	152	18476	4.96	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.129	85	18304	5.69	ug/L	96
3) Chloromethane	1.242	50	17774	4.75	ug/L	100
5) Vinyl chloride	1.312	62	17823	4.85	ug/L	100
6) Bromomethane	1.525	94	11368	5.08	ug/L	97
8) Chloroethane	1.586	64	11007	4.81	ug/L	99
9) Trichlorofluoromethane	1.756	101	25114	5.47	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.119	101	13972	5.41	ug/L	92
12) 1,1-Dichloroethene	2.123	96	13714	5.34	ug/L	86
13) Acetone	2.187	43	22733	12.94	ug/L	70
14) Carbon disulfide	2.299	76	39450	4.81	ug/L	98
15) Methyl Acetate	2.441	43	15116	4.33	ug/L	99
16) Methylene chloride	2.512	84	13768	4.39	ug/L	89
17) trans-1,2-Dichloroethene	2.766	96	12909	4.61	ug/L	94
18) Methyl tert-butyl Ether	2.772	73	40514	4.31	ug/L	97
19) 1,1-Dichloroethane	3.196	63	24665	4.39	ug/L	96
20) cis-1,2-Dichloroethene	3.923	96	13364	4.38	ug/L	94
22) 2-Butanone	4.004	43	20648	8.50	ug/L	95
23) Bromochloromethane	4.261	128	7376	4.84	ug/L	91
25) Chloroform	4.386	83	25630	4.58	ug/L	95
27) 1,2-Dichloroethane	5.142	62	21269	4.59	ug/L	99
29) Cyclohexane	4.682	56	20691	4.31	ug/L	98
30) 1,1,1-Trichloroethane	4.618	97	23311	4.73	ug/L	99
31) Carbon tetrachloride	4.833	117	19560	4.79	ug/L	98
33) Benzene	5.106	78	49024	4.15	ug/L	100
34) Trichloroethene	5.923	95	15709	4.95	ug/L	98
35) Methylcyclohexane	6.138	83	20481	4.33	ug/L	98
37) 1,2-Dichloropropane	6.184	63	12461	3.95	ug/L #	97
38) Bromodichloromethane	6.518	83	18373	4.37	ug/L	97
39) cis-1,3-Dichloropropene	7.036	75	18740	3.86	ug/L	94
40) 4-Methyl-2-pentanone	7.235	43	38376	8.12	ug/L	99
42) Toluene	7.396	91	52012	4.27	ug/L	99
44) trans-1,3-Dichloropropene	7.663	75	18191	3.81	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.846	97	13221	4.51	ug/L	93
46) Tetrachloroethene	7.981	164	10618	4.92	ug/L	94
48) 2-Hexanone	8.148	43	31175	8.57	ug/L	95
49) Dibromochloromethane	8.251	129	13034	4.24	ug/L	97
50) 1,2-Dibromoethane	8.360	107	13178	4.26	ug/L #	99
51) Chlorobenzene	8.888	112	36322	4.65	ug/L	96
52) Ethylbenzene	9.019	91	57746	4.20	ug/L	100
53) m,p-Xylene	9.148	106	20533	4.10	ug/L	96
54) o-xylene	9.550	106	20229	4.11	ug/L	96
55) Styrene	9.569	104	32571	3.83	ug/L	98
56) Isopropylbenzene	9.939	105	54691	4.15	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.248	83	18557	4.01	ug/L	98
59) 1,2,3-Trichloropropane	10.280	75	17611	4.35	ug/L	97
61) Bromoform	9.736	173	8099	4.00	ug/L	98
62) 1,3-Dichlorobenzene	11.190	146	27657	4.64	ug/L	97
63) 1,4-Dichlorobenzene	11.280	146	29184	4.76	ug/L	98
65) 1,2-Dichlorobenzene	11.653	146	27116	4.46	ug/L	96
66) 1,2-Dibromo-3-chloropr...	12.437	75	4159	3.67	ug/L	84
67) 1,3,5-Trichlorobenzene	12.653	180	20034	4.62	ug/L	98
68) 1,2,4-trichlorobenzene	13.270	180	16527	4.29	ug/L	99
69) Naphthalene	13.514	128	40066	3.37	ug/L	100
70) 1,2,3-Trichlorobenzene	13.752	180	15910	4.24	ug/L	97

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

