

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW032321\
 Data File : VW020716.D
 Acq On : 23 Mar 2021 17:27
 Operator : SY/MD
 Sample : VSTD01065
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD01065

Manual Integrations
 APPROVED

MMDadoda

3/24/2021 2:14:25 PM

Quant Time: Mar 24 04:34:06 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	511087	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	500814	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.255	152	262754	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.310	65	33745	8.42	ug/L	0.00
7) Chloroethane-d5	1.571	69	26148	8.24	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.111	63	60618	7.93	ug/L	0.00
21) 2-Butanone-d5	3.931	46	42005m	16.42	ug/L	0.03
24) Chloroform-d	4.355	84	64655	9.03	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.040	65	43899	9.33	ug/L	0.00
32) Benzene-d6	5.056	84	121577	8.90	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.075	67	36950	8.55	ug/L	0.00
41) Toluene-d8	7.320	98	106509	8.67	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.632	79	18166	8.77	ug/L	0.00
47) 2-Hexanone-d5	8.098	63	27062	16.40	ug/L	0.00
57) 1,1,2,2-Tetrachloroeth...	10.220	84	54318	9.76	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.631	152	43832	8.58	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.130	85	39253	9.04	ug/L	99
3) Chloromethane	1.243	50	31939	6.86	ug/L	94
5) Vinyl chloride	1.314	62	31965	6.79	ug/L	95
6) Bromomethane	1.526	94	19886	7.07	ug/L	96
8) Chloroethane	1.587	64	18260	6.45	ug/L	95
9) Trichlorofluoromethane	1.757	101	53095	8.03	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	26789	7.66	ug/L	99
12) 1,1-Dichloroethene	2.121	96	24783	7.35	ug/L	92
13) Acetone	2.201	43	31136	15.14	ug/L	70
14) Carbon disulfide	2.297	76	80877	7.77	ug/L	98
15) Methyl Acetate	2.445	43	28013	7.09	ug/L	99
16) Methylene chloride	2.510	84	31227	7.96	ug/L	98
17) trans-1,2-Dichloroethene	2.764	96	28647	7.86	ug/L	97
18) Methyl tert-butyl Ether	2.770	73	80188	7.20	ug/L	99
19) 1,1-Dichloroethane	3.198	63	50232	7.26	ug/L	99
20) cis-1,2-Dichloroethene	3.918	96	29296	7.78	ug/L	99
22) 2-Butanone	4.008	43	40696m	14.19	ug/L	
23) Bromochloromethane	4.259	128	15819	8.28	ug/L	98
25) Chloroform	4.381	83	53677	7.39	ug/L	96
27) 1,2-Dichloroethane	5.137	62	42570	7.36	ug/L	98
29) Cyclohexane	4.683	56	42677	7.07	ug/L	98
30) 1,1,1-Trichloroethane	4.609	97	48851	7.99	ug/L	98
31) Carbon tetrachloride	4.831	117	41292	8.18	ug/L	96
33) Benzene	5.108	78	109930	7.39	ug/L	100
34) Trichloroethene	5.921	95	30245	7.25	ug/L	96
35) Methylcyclohexane	6.133	83	43232	7.38	ug/L	95
37) 1,2-Dichloropropane	6.178	63	28121	7.23	ug/L	99
38) Bromodichloromethane	6.516	83	39643	7.61	ug/L	99
39) cis-1,3-Dichloropropene	7.034	75	36511	6.27	ug/L	98
40) 4-Methyl-2-pentanone	7.233	43	73888	13.01	ug/L	97
42) Toluene	7.390	91	114082	7.28	ug/L	96
44) trans-1,3-Dichloropropene	7.657	75	37479	6.49	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.844	97	27537	7.57	ug/L	95
46) Tetrachloroethene	7.979	164	26323	9.31	ug/L	96
48) 2-Hexanone	8.146	43	49280	11.10	ug/L	99
49) Dibromochloromethane	8.249	129	31634	8.13	ug/L	100
50) 1,2-Dibromoethane	8.358	107	29119	7.39	ug/L #	97
51) Chlorobenzene	8.886	112	79316	7.75	ug/L	99
52) Ethylbenzene	9.017	91	126048	7.11	ug/L	97
53) m,p-Xylene	9.143	106	44914	6.87	ug/L	96
54) o-xylene	9.548	106	43254	6.85	ug/L	96
55) Styrene	9.567	104	75260	6.82	ug/L	94
56) Isopropylbenzene	9.937	105	121993	7.12	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.249	83	45647	8.22	ug/L	98
59) 1,2,3-Trichloropropane	10.281	75	36599	7.37	ug/L	93
61) Bromoform	9.738	173	23599	8.79	ug/L	95
62) 1,3-Dichlorobenzene	11.188	146	62870	7.56	ug/L	96
63) 1,4-Dichlorobenzene	11.278	146	66335	7.61	ug/L	97
65) 1,2-Dichlorobenzene	11.651	146	62341	7.50	ug/L	98
66) 1,2-Dibromo-3-chloropr...	12.435	75	10377	8.08	ug/L	96
67) 1,3,5-Trichlorobenzene	12.651	180	48168	7.97	ug/L	98
68) 1,2,4-trichlorobenzene	13.271	180	36826	7.00	ug/L	99
69) Naphthalene	13.512	128	93321	5.59	ug/L	99
70) 1,2,3-Trichlorobenzene	13.750	180	39357	7.55	ug/L	96

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

