

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW050321\
 Data File : VW021233.D
 Acq On : 03 May 2021 09:37
 Operator : SY/MD
 Sample : VSTD00564
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005164

Manual Integrations
 APPROVED

MMDadoda
 5/4/2021 11:51:53 AM

Quant Time: May 03 18:25:34 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050321WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon May 03 18:24:52 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	697235	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	661185	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.255	152	360982	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	14963	2.86	ug/L	0.00
7) Chloroethane-d5	1.568	69	13497	3.43	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.108	63	45070	4.45	ug/L	0.00
21) 2-Butanone-d5	3.928	46	22170m	8.12	ug/L	0.03
24) Chloroform-d	4.349	84	48023	4.72	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.040	65	35182	5.29	ug/L	0.00
32) Benzene-d6	5.056	84	71939	4.18	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.075	67	18911	3.78	ug/L	0.00
41) Toluene-d8	7.323	98	74524	4.45	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.628	79	13001	4.51	ug/L	0.00
47) 2-Hexanone-d5	8.101	63	12761	6.33	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.223	84	29897	3.94	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.631	152	35148	4.93	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.130	85	28299	4.25	ug/L	99
3) Chloromethane	1.243	50	16895	3.07	ug/L	95
5) Vinyl chloride	1.310	62	22208	3.87	ug/L	97
6) Bromomethane	1.523	94	16068	4.03	ug/L	85
8) Chloroethane	1.584	64	13994	4.03	ug/L	97
9) Trichlorofluoromethane	1.754	101	56909	5.23	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	24487	4.63	ug/L	86
12) 1,1-Dichloroethene	2.117	96	20663	4.32	ug/L	95
13) Acetone	2.198	43	36706m	14.02	ug/L	
14) Carbon disulfide	2.294	76	56265	4.34	ug/L	100
15) Methyl Acetate	2.442	43	17160m	4.18	ug/L	
16) Methylene chloride	2.506	84	23125	4.60	ug/L	90
17) trans-1,2-Dichloroethene	2.760	96	22943	4.97	ug/L	93
18) Methyl tert-butyl Ether	2.770	73	73000	4.98	ug/L #	91
19) 1,1-Dichloroethane	3.191	63	37439	4.51	ug/L #	84
20) cis-1,2-Dichloroethene	3.921	96	23482	4.73	ug/L	89
22) 2-Butanone	4.002	43	26777m	9.23	ug/L	
23) Bromochloromethane	4.252	128	12612	4.37	ug/L #	74
25) Chloroform	4.381	83	50351	5.22	ug/L	94
27) 1,2-Dichloroethane	5.133	62	43714	5.52	ug/L #	91
29) Cyclohexane	4.667	56	28162m	4.42	ug/L	
30) 1,1,1-Trichloroethane	4.612	97	51610	5.70	ug/L #	88
31) Carbon tetrachloride	4.825	117	49162	5.92	ug/L	93
33) Benzene	5.104	78	86192	4.82	ug/L	100
34) Trichloroethene	5.918	95	29379	5.83	ug/L	85
35) Methylcyclohexane	6.133	83	34204	4.61	ug/L	97
37) 1,2-Dichloropropane	6.175	63	18568m	4.39	ug/L	
38) Bromodichloromethane	6.513	83	37827	5.38	ug/L	94
39) cis-1,3-Dichloropropene	7.037	75	30018	4.20	ug/L	91
40) 4-Methyl-2-pentanone	7.233	43	44678	8.48	ug/L #	94
42) Toluene	7.394	91	92448	4.69	ug/L	95
44) trans-1,3-Dichloropropene	7.657	75	32140	4.27	ug/L	91

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45) 1,1,2-Trichloroethane	7.844	97	22743	4.76	ug/L	89
46) Tetrachloroethene	7.982	164	24656	5.44	ug/L	96
48) 2-Hexanone	8.149	43	33876	8.13	ug/L #	91
49) Dibromochloromethane	8.252	129	32467	5.39	ug/L	99
50) 1,2-Dibromoethane	8.358	107	26344	5.06	ug/L	93
51) Chlorobenzene	8.886	112	68054	4.97	ug/L	97
52) Ethylbenzene	9.017	91	107304	4.86	ug/L	96
53) m,p-Xylene	9.143	106	41771	4.95	ug/L	87
54) o-Xylene	9.548	106	38482	4.65	ug/L	87
55) Styrene	9.567	104	63669	4.57	ug/L	85
57) 1,1,2,2-Tetrachloroethane	10.246	83	29194	3.97	ug/L #	88
59) Bromoform	9.734	173	24339	5.48	ug/L #	98
60) Isopropylbenzene	9.937	105	111518	5.19	ug/L	97
61) 1,2,3-Trichloropropane	10.278	75	32113	5.38	ug/L	95
62) 1,3,5-Trimethylbenzene	10.545	105	92833	5.04	ug/L	99
63) 1,2,4-Trimethylbenzene	10.921	105	91311	4.97	ug/L	97
64) 1,3-Dichlorobenzene	11.188	146	56989	5.34	ug/L	99
65) 1,4-Dichlorobenzene	11.278	146	59503	5.44	ug/L	97
67) 1,2-Dichlorobenzene	11.651	146	55255	5.00	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.435	75	9079	4.89	ug/L	94
69) 1,3,5-Trichlorobenzene	12.654	180	40524	4.87	ug/L	99
70) 1,2,4-trichlorobenzene	13.271	180	26561	3.89	ug/L	97
71) Naphthalene	13.512	128	62288	3.32	ug/L #	95
72) 1,2,3-Trichlorobenzene	13.754	180	28874	4.19	ug/L	98

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

