

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV050321\
 Data File : VV021234.D
 Acq On : 03 May 2021 10:01
 Operator : SY/MD
 Sample : VSTD01065
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD010165

Manual Integrations
 APPROVED

MMDadoda
 5/4/2021 11:51:58 AM

Quant Time: May 03 18:36:25 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	5.619	114	765578	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	732128	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.255	152	392355	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	33545	5.84	ug/L	0.00
7) Chloroethane-d5	1.571	69	31185	7.21	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.108	63	97222	8.74	ug/L	0.00
21) 2-Butanone-d5	3.931	46	50580m	16.88	ug/L	0.03
24) Chloroform-d	4.355	84	106659	9.55	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.040	65	79821	10.93	ug/L	0.00
32) Benzene-d6	5.053	84	166044	8.72	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.072	67	44028	7.95	ug/L	0.00
41) Toluene-d8	7.320	98	168332	9.08	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.629	79	30478	9.54	ug/L	0.00
47) 2-Hexanone-d5	8.098	63	35174	15.75	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.220	84	63308	7.54	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.632	152	78646	10.15	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.130	85	67861	9.28	ug/L	100
3) Chloromethane	1.243	50	38182	6.33	ug/L	100
5) Vinyl chloride	1.310	62	48251	7.66	ug/L	92
6) Bromomethane	1.523	94	38443	8.77	ug/L	94
8) Chloroethane	1.587	64	29839	7.83	ug/L	99
9) Trichlorofluoromethane	1.754	101	131656	11.02	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	57776	9.94	ug/L	96
12) 1,1-Dichloroethene	2.118	96	52374	9.96	ug/L	89
13) Acetone	2.195	43	59386	20.66	ug/L	74
14) Carbon disulfide	2.294	76	121260	8.51	ug/L	100
15) Methyl Acetate	2.439	43	39385m	8.75	ug/L	
16) Methylene chloride	2.507	84	51559	9.35	ug/L	90
17) trans-1,2-Dichloroethene	2.764	96	46327	9.13	ug/L	92
18) Methyl tert-butyl Ether	2.770	73	173154	10.75	ug/L #	91
19) 1,1-Dichloroethane	3.191	63	86191	9.46	ug/L	96
20) cis-1,2-Dichloroethene	3.918	96	53023	9.72	ug/L	83
22) 2-Butanone	3.998	43	61215m	19.21	ug/L	
23) Bromochloromethane	4.256	128	30240	9.55	ug/L	83
25) Chloroform	4.378	83	112930	10.67	ug/L	93
27) 1,2-Dichloroethane	5.137	62	102376	11.77	ug/L #	94
29) Cyclohexane	4.680	56	61044	8.65	ug/L #	78
30) 1,1,1-Trichloroethane	4.613	97	118195	11.79	ug/L	98
31) Carbon tetrachloride	4.831	117	110387	12.01	ug/L	96
33) Benzene	5.101	78	192555	9.72	ug/L	100
34) Trichloroethene	5.918	95	63877	11.44	ug/L	99
35) Methylcyclohexane	6.133	83	79673	9.70	ug/L	95
37) 1,2-Dichloropropane	6.178	63	39113	8.36	ug/L #	92
38) Bromodichloromethane	6.513	83	87077	11.17	ug/L	98
39) cis-1,3-Dichloropropene	7.034	75	75265	9.50	ug/L	97
40) 4-Methyl-2-pentanone	7.233	43	110439	18.92	ug/L	94
42) Toluene	7.394	91	227176	10.40	ug/L	99
44) trans-1,3-Dichloropropene	7.657	75	77866	9.35	ug/L	95

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45) 1,1,2-Trichloroethane	7.844	97	52001	9.82	ug/L	93
46) Tetrachloroethene	7.979	164	51780	10.32	ug/L	92
48) 2-Hexanone	8.149	43	82107	17.80	ug/L	97
49) Dibromochloromethane	8.249	129	69763	10.46	ug/L	95
50) 1,2-Dibromoethane	8.358	107	55833	9.68	ug/L #	94
51) Chlorobenzene	8.886	112	148853	9.82	ug/L	91
52) Ethylbenzene	9.018	91	245892	10.05	ug/L	99
53) m,p-Xylene	9.143	106	100475	10.75	ug/L	100
54) o-Xylene	9.548	106	94596	10.32	ug/L	89
55) Styrene	9.567	104	154361	10.00	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.249	83	67011	8.23	ug/L #	97
59) Bromoform	9.738	173	54470	11.28	ug/L	96
60) Isopropylbenzene	9.937	105	262193	11.23	ug/L	98
61) 1,2,3-Trichloropropane	10.281	75	66546	10.26	ug/L	95
62) 1,3,5-Trimethylbenzene	10.545	105	219318	10.95	ug/L	99
63) 1,2,4-Trimethylbenzene	10.921	105	221350	11.09	ug/L	95
64) 1,3-Dichlorobenzene	11.188	146	121664	10.48	ug/L	95
65) 1,4-Dichlorobenzene	11.281	146	129996	10.94	ug/L	97
67) 1,2-Dichlorobenzene	11.651	146	127012	10.58	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.439	75	20567	10.19	ug/L	89
69) 1,3,5-Trichlorobenzene	12.654	180	94571	10.45	ug/L	96
70) 1,2,4-trichlorobenzene	13.268	180	71521	9.63	ug/L	98
71) Naphthalene	13.513	128	171066	8.40	ug/L	99
72) 1,2,3-Trichlorobenzene	13.754	180	72524	9.67	ug/L	96

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

