

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV012121\
 Data File : VV020102.D
 Acq On : 21 Jan 2021 11:43
 Operator : SY/MD
 Sample : VSTD00564
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00564

Manual Integrations
 APPROVED

MMDadoda
 1/26/2021 10:28:33 AM

Quant Time: Jan 21 13:13:46 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM012121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jan 21 13:13:04 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.621	114	437399	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.858	117	439696	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.257	152	201090	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.306	65	15395	5.50	ug/L	0.00
7) Chloroethane-d5	1.569	69	12979	5.97	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.113	63	31313	5.66	ug/L	0.00
21) 2-Butanone-d5	3.910	46	17986m	9.12	ug/L	0.02
24) Chloroform-d	4.357	84	26896	4.39	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.042	65	18867	4.62	ug/L	0.00
32) Benzene-d6	5.058	84	52096	4.31	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.077	67	15633	4.37	ug/L	0.00
41) Toluene-d8	7.321	98	48376	4.30	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.633	79	7410	3.92	ug/L	0.00
47) 2-Hexanone-d5	8.100	63	10588	7.45	ug/L	0.00
57) 1,1,2,2-Tetrachloroeth...	10.225	84	21403	4.42	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.633	152	21200	5.47	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.129	85	18685	5.17	ug/L	99
3) Chloromethane	1.241	50	18010	6.35	ug/L	99
5) Vinyl chloride	1.312	62	19374	6.35	ug/L	94
6) Bromomethane	1.524	94	11808	5.63	ug/L	94
8) Chloroethane	1.585	64	12134	6.71	ug/L	97
9) Trichlorofluoromethane	1.753	101	26142	5.14	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.119	101	15541	5.83	ug/L	95
12) 1,1-Dichloroethene	2.122	96	14538	5.84	ug/L	79
13) Acetone	2.183	43	21984	13.19	ug/L	98
14) Carbon disulfide	2.296	76	38692	4.79	ug/L	98
15) Methyl Acetate	2.441	43	15486	5.37	ug/L	96
16) Methylene chloride	2.511	84	14511	4.71	ug/L	100
17) trans-1,2-Dichloroethene	2.765	96	12904	4.36	ug/L	83
18) Methyl tert-butyl Ether	2.772	73	42358	4.51	ug/L	97
19) 1,1-Dichloroethane	3.196	63	26262	4.96	ug/L	98
20) cis-1,2-Dichloroethene	3.923	96	13583	4.29	ug/L	99
22) 2-Butanone	3.997	43	22050m	10.29	ug/L	
23) Bromochloromethane	4.264	128	7555m	4.28	ug/L	
25) Chloroform	4.383	83	27622	4.79	ug/L	99
27) 1,2-Dichloroethane	5.138	62	24041	5.04	ug/L	98
29) Cyclohexane	4.682	56	21818	4.54	ug/L	95
30) 1,1,1-Trichloroethane	4.614	97	22599	3.96	ug/L	97
31) Carbon tetrachloride	4.833	117	19829	3.94	ug/L	96
33) Benzene	5.106	78	60793	4.84	ug/L	100
34) Trichloroethene	5.923	95	17260	4.64	ug/L	99
35) Methylcyclohexane	6.138	83	22271	4.25	ug/L	99
37) 1,2-Dichloropropane	6.183	63	15153	4.86	ug/L #	95
38) Bromodichloromethane	6.518	83	21131	4.63	ug/L	98
39) cis-1,3-Dichloropropene	7.035	75	20104	3.92	ug/L	93
40) 4-Methyl-2-pentanone	7.235	43	42513	9.76	ug/L	98
42) Toluene	7.395	91	61317	4.52	ug/L	99
44) trans-1,3-Dichloropropene	7.659	75	19792	4.01	ug/L	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW012121\
 Data File : VW020102.D
 Acq On : 21 Jan 2021 11:43
 Operator : SY/MD
 Sample : VSTD00564
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00564

Manual Integrations
 APPROVED

MMDadoda
 1/26/2021 10:28:33 AM

Quant Time: Jan 21 13:13:46 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SOMVLM012121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jan 21 13:13:04 2021
 Response via : Initial Calibration

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

45) 1,1,2-Trichloroethane	7.849	97	15428	4.84	ug/L	97
46) Tetrachloroethene	7.981	164	14067	5.04	ug/L	94
48) 2-Hexanone	8.151	43	34203	10.25	ug/L	99
49) Dibromochloromethane	8.254	129	15562	4.25	ug/L	94
50) 1,2-Dibromoethane	8.360	107	16687	4.79	ug/L #	99
51) Chlorobenzene	8.887	112	45501	5.05	ug/L	98
52) Ethylbenzene	9.019	91	68541	4.52	ug/L	99
53) m,p-Xylene	9.145	106	22678	3.92	ug/L	86
54) o-xylene	9.550	106	22939	4.06	ug/L	99
55) Styrene	9.569	104	36639	3.76	ug/L	94
56) Isopropylbenzene	9.939	105	62080	4.10	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.251	83	21623	4.55	ug/L	99
59) 1,2,3-Trichloropropane	10.283	75	21529	5.14	ug/L	99
61) Bromoform	9.736	173	7874	3.81	ug/L	95
62) 1,3-Dichlorobenzene	11.189	146	30221	5.02	ug/L	98
63) 1,4-Dichlorobenzene	11.283	146	33172	5.37	ug/L	96
65) 1,2-Dichlorobenzene	11.652	146	35701	5.89	ug/L	95
66) 1,2-Dibromo-3-chloropr...	12.440	75	4533	4.93	ug/L	96
67) 1,3,5-Trichlorobenzene	12.656	180	21748	4.49	ug/L	97
68) 1,2,4-trichlorobenzene	13.270	180	21644	5.14	ug/L	99
69) Naphthalene	13.514	128	50746	4.48	ug/L	99
70) 1,2,3-Trichlorobenzene	13.755	180	18305	4.57	ug/L	96

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

