

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW100121\
 Data File : VW022476.D
 Acq On : 01 Oct 2021 20:13
 Operator : SY/MD
 Sample : VSTD10060
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD100260

Manual Integrations
 APPROVED

MMDadoda
 10/6/2021 2:24:06 PM

Quant Time: Oct 02 00:41:11 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 02 00:39:18 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	248930	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	237149	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	125668	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	144106	72.300	ug/L	0.00
7) Chloroethane-d5	1.568	69	118747	75.353	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.108	63	290519	82.131	ug/L	0.00
21) 2-Butanone-d5	3.892	46	176025	132.678	ug/L	0.00
24) Chloroform-d	4.349	84	288663	80.083	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.030	65	169288	77.216	ug/L	0.00
32) Benzene-d6	5.050	84	556034	79.314	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.069	67	172282	76.762	ug/L	0.00
41) Toluene-d8	7.316	98	513458	79.826	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.622	79	87214	84.770	ug/L	0.00
47) 2-Hexanone-d5	8.088	63	167215	186.331	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.217	84	247052	76.440	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.625	152	205603	77.830	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.127	85	218453	91.095	ug/L	99
3) Chloromethane	1.240	50	236146	96.967	ug/L	99
5) Vinyl chloride	1.310	62	218791	95.744	ug/L	100
6) Bromomethane	1.523	94	159730	107.381	ug/L	98
8) Chloroethane	1.584	64	136350	97.748	ug/L	100
9) Trichlorofluoromethane	1.751	101	293852	94.457	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	164662	94.007	ug/L	98
12) 1,1-Dichloroethene	2.117	96	163169	98.501	ug/L	94
13) Acetone	2.185	43	178680m	159.340	ug/L	
14) Carbon disulfide	2.294	76	497260	97.141	ug/L	99
15) Methyl Acetate	2.432	43	188689	89.905	ug/L	100
16) Methylene chloride	2.506	84	210905	92.754	ug/L	99
17) trans-1,2-Dichloroethene	2.757	96	184303	97.764	ug/L	99
18) Methyl tert-butyl Ether	2.767	73	606703	107.114	ug/L	100
19) 1,1-Dichloroethane	3.188	63	330459	97.612	ug/L	98
20) cis-1,2-Dichloroethene	3.908	96	203027	101.115	ug/L	98
22) 2-Butanone	3.976	43	275025m	185.837	ug/L	
23) Bromochloromethane	4.246	128	112741	103.288	ug/L	95
25) Chloroform	4.374	83	337342	96.986	ug/L	99
27) 1,2-Dichloroethane	5.130	62	246441	99.213	ug/L	97
29) Cyclohexane	4.677	56	262930	94.922	ug/L	100
30) 1,1,1-Trichloroethane	4.609	97	286607	100.160	ug/L	99
31) Carbon tetrachloride	4.828	117	250039	99.082	ug/L	98
33) Benzene	5.098	78	716492	99.483	ug/L	100
34) Trichloroethene	5.915	95	181354	96.945	ug/L	99
35) Methylcyclohexane	6.133	83	273049	95.153	ug/L	100
37) 1,2-Dichloropropane	6.172	63	184795	99.905	ug/L	99
38) Bromodichloromethane	6.509	83	252351	106.063	ug/L	98
39) cis-1,3-Dichloropropene	7.027	75	307166	111.746	ug/L	99
40) 4-Methyl-2-pentanone	7.226	43	577549	224.258	ug/L	98
42) Toluene	7.387	91	770810	99.914	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	294732	112.447	ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100121\
 Data File : VV022476.D
 Acq On : 01 Oct 2021 20:13
 Operator : SY/MD
 Sample : VSTD10060
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD100260

Manual Integrations
 APPROVED

MMDadoda
 10/6/2021 2:24:06 PM

Quant Time: Oct 02 00:41:11 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 02 00:39:18 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1,2-Trichloroethane	7.841	97	196884	103.610	ug/L	99
46) Tetrachloroethene	7.976	164	151071	97.168	ug/L	98
48) 2-Hexanone	8.140	43	443899	229.283	ug/L	99
49) Dibromochloromethane	8.246	129	225996	111.631	ug/L	100
50) 1,2-Dibromoethane	8.352	107	215668	106.288	ug/L	97
51) Chlorobenzene	8.882	112	501284	98.849	ug/L	99
52) Ethylbenzene	9.014	91	802467	99.537	ug/L	100
53) m,p-Xylene	9.140	106	316392	101.499	ug/L	98
54) o-Xylene	9.545	106	314826	103.678	ug/L	99
55) Styrene	9.561	104	555475	105.668	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.242	83	308188	99.555	ug/L	100
59) Bromoform	9.731	173	171188	118.405	ug/L	99
60) Isopropylbenzene	9.931	105	807508	104.005	ug/L	100
61) 1,2,3-Trichloropropane	10.275	75	242825	103.903	ug/L	100
62) 1,3,5-Trimethylbenzene	10.538	105	694481	107.994	ug/L	100
63) 1,2,4-Trimethylbenzene	10.914	105	699436	108.149	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	396211	100.458	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	401877	99.762	ug/L	99
67) 1,2-Dichlorobenzene	11.644	146	407314	101.136	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.429	75	73753	119.008	ug/L	99
69) 1,3,5-Trichlorobenzene	12.647	180	293129	102.114	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	272103	110.751	ug/L	99
71) Naphthalene	13.503	128	988676	130.410	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	285389	112.688	ug/L	99

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

