

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061021\
 Data File : VW021543.D
 Acq On : 10 Jun 2021 14:40
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050199

Manual Integrations
 APPROVED

MMDadoda
 6/11/2021 3:01:56 PM

Quant Time: Jun 11 02:45:39 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM052721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 11 02:43:15 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	456039	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	428752	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	261129	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	148841	49.572	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	99.140%
7) Chloroethane-d5	1.568	69	113804	50.953	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	101.900%
11) 1,1-Dichloroethene-d2	2.108	63	258235	50.333	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.660%
21) 2-Butanone-d5	3.883	46	214371	99.567	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.570%
24) Chloroform-d	4.346	84	291750	48.813	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.620%
26) 1,2-Dichloroethane-d4	5.030	65	168348	48.901	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.800%
32) Benzene-d6	5.047	84	581492	48.480	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.960%
36) 1,2-Dichloropropane-d6	6.066	67	175484	47.376	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.760%
41) Toluene-d8	7.313	98	551627	48.273	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.540%
43) trans-1,3-Dichloroprop...	7.619	79	93464	47.150	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.300%
47) 2-Hexanone-d5	8.085	63	161478	94.940	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.940%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	242226	47.110	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.220%
66) 1,2-Dichlorobenzene-d4	11.625	152	252591	46.533	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.060%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.127	85	156962	49.657	ug/L	99
3) Chloromethane	1.240	50	151977	48.264	ug/L	99
5) Vinyl chloride	1.310	62	162543	50.296	ug/L	99
6) Bromomethane	1.523	94	107448	48.547	ug/L	99
8) Chloroethane	1.584	64	95555	52.004	ug/L	99
9) Trichlorofluoromethane	1.751	101	252542	52.683	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	149851	53.778	ug/L	98
12) 1,1-Dichloroethene	2.117	96	139141	51.986	ug/L	91
13) Acetone	2.182	43	198921m	107.380	ug/L	
14) Carbon disulfide	2.291	76	415309	49.218	ug/L	100
15) Methyl Acetate	2.432	43	157745	49.697	ug/L	99
16) Methylene chloride	2.503	84	168156	50.152	ug/L	95
17) trans-1,2-Dichloroethene	2.757	96	158631	51.949	ug/L	99
18) Methyl tert-butyl Ether	2.764	73	508399	52.518	ug/L	99
19) 1,1-Dichloroethane	3.188	63	277006	51.191	ug/L	100
20) cis-1,2-Dichloroethene	3.908	96	178188	52.159	ug/L	95
22) 2-Butanone	3.966	43	249957	106.514	ug/L	94
23) Bromochloromethane	4.243	128	100284	53.002	ug/L	94
25) Chloroform	4.371	83	290486	51.875	ug/L	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061021\
 Data File : VW021543.D
 Acq On : 10 Jun 2021 14:40
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050199

Manual Integrations
 APPROVED

MMDadoda
 6/11/2021 3:01:56 PM

Quant Time: Jun 11 02:45:39 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM052721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 11 02:43:15 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	204460	52.852	ug/L	99
29) Cyclohexane	4.674	56	245952	49.240	ug/L	98
30) 1,1,1-Trichloroethane	4.606	97	274067	51.782	ug/L	99
31) Carbon tetrachloride	4.825	117	251506	52.345	ug/L	99
33) Benzene	5.095	78	623176	50.781	ug/L	100
34) Trichloroethene	5.911	95	176065	52.782	ug/L	99
35) Methylcyclohexane	6.130	83	261920	48.914	ug/L	99
37) 1,2-Dichloropropane	6.172	63	154668	49.431	ug/L	99
38) Bromodichloromethane	6.506	83	224490	51.129	ug/L	99
39) cis-1,3-Dichloropropene	7.024	75	266446	50.649	ug/L	99
40) 4-Methyl-2-pentanone	7.223	43	425741	100.351	ug/L	98
42) Toluene	7.384	91	694544	51.018	ug/L	100
44) trans-1,3-Dichloropropene	7.648	75	256970	51.635	ug/L	99
45) 1,1,2-Trichloroethane	7.837	97	164277	51.730	ug/L	98
46) Tetrachloroethene	7.976	164	164809	53.739	ug/L	97
48) 2-Hexanone	8.136	43	334513	102.807	ug/L	99
49) Dibromochloromethane	8.246	129	209514	52.687	ug/L	100
50) 1,2-Dibromoethane	8.352	107	181376	51.892	ug/L	99
51) Chlorobenzene	8.879	112	471052	52.337	ug/L	98
52) Ethylbenzene	9.011	91	771463	51.594	ug/L	100
53) m,p-Xylene	9.136	106	299023	52.047	ug/L	99
54) o-Xylene	9.541	106	294438	51.905	ug/L	97
55) Styrene	9.561	104	513992	52.647	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.239	83	254951	51.431	ug/L	99
59) Bromoform	9.731	173	178039	50.531	ug/L	100
60) Isopropylbenzene	9.931	105	794568	49.105	ug/L	100
61) 1,2,3-Trichloropropane	10.271	75	197621	48.165	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	675743	48.510	ug/L	99
63) 1,2,4-Trimethylbenzene	10.914	105	691037	49.107	ug/L	99
64) 1,3-Dichlorobenzene	11.181	146	419172	51.286	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	419474	50.834	ug/L	99
67) 1,2-Dichlorobenzene	11.644	146	411174	50.243	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	61245	47.915	ug/L	97
69) 1,3,5-Trichlorobenzene	12.644	180	350268	50.801	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	317146	51.488	ug/L	100
71) Naphthalene	13.503	128	840449	49.466	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	309081	51.551	ug/L	100

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061021\
 Data File : VV021543.D
 Acq On : 10 Jun 2021 14:40
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050199

Manual Integrations
 APPROVED

MMDadoda
 6/11/2021 3:01:56 PM

Quant Time: Jun 11 02:45:39 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM052721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 11 02:43:15 2021
 Response via : Initial Calibration

