

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW080122\
 Data File : VW027130.D
 Acq On : 01 Aug 2022 15:52
 Operator : SY/MD
 Sample : VSTD00546
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005246

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 08/02/2022
 Supervised By :Mahesh Dadoda 08/03/2022

Quant Time: Aug 02 00:04:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080122WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 02 00:03:42 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	593051	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	574829	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	265786	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	18845	4.903	ug/L	0.00
7) Chloroethane-d5	1.564	69	16529	5.747	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.108	63	38047	5.198	ug/L	0.00
21) 2-Butanone-d5	3.905	46	22175m	9.195	ug/L	0.03
24) Chloroform-d	4.346	84	38485	4.954	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.037	65	21438	4.864	ug/L	0.00
32) Benzene-d6	5.053	84	70863	4.659	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.072	67	22287	4.737	ug/L	0.00
41) Toluene-d8	7.317	98	58164	4.242	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.632	79	8984	4.350	ug/L	0.01
47) 2-Hexanone-d5	8.101	63	12055	6.636	ug/L	0.01
56) 1,1,2,2-Tetrachloroeth...	10.217	84	34610	4.921	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.625	152	23093	4.944	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.127	85	31686	5.584	ug/L	98
3) Chloromethane	1.240	50	30436	5.656	ug/L	99
5) Vinyl chloride	1.307	62	30950	5.526	ug/L	99
6) Bromomethane	1.519	94	15972	5.499	ug/L	98
8) Chloroethane	1.580	64	18309	6.101	ug/L	100
9) Trichlorofluoromethane	1.748	101	42491	5.758	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	23853	5.636	ug/L	98
12) 1,1-Dichloroethene	2.114	96	22981	5.588	ug/L	97
13) Acetone	2.169	43	24746	11.581	ug/L	96
14) Carbon disulfide	2.291	76	66639	5.441	ug/L	99
15) Methyl Acetate	2.433	43	24758	5.326	ug/L	99
16) Methylene chloride	2.503	84	30673	5.884	ug/L	95
17) trans-1,2-Dichloroethene	2.757	96	23266	5.315	ug/L	99
18) Methyl tert-butyl Ether	2.767	73	62810	4.995	ug/L	99
19) 1,1-Dichloroethane	3.188	63	43643	5.445	ug/L	93
20) cis-1,2-Dichloroethene	3.912	96	23048	4.960	ug/L	97
22) 2-Butanone	3.989	43	29196m	10.406	ug/L	
23) Bromochloromethane	4.246	128	14211	5.383	ug/L	97
25) Chloroform	4.375	83	45456	5.386	ug/L	98
27) 1,2-Dichloroethane	5.133	62	31191	5.338	ug/L	98
29) Cyclohexane	4.674	56	26860	4.615	ug/L	98
30) 1,1,1-Trichloroethane	4.606	97	39400	5.466	ug/L	99
31) Carbon tetrachloride	4.828	117	33103	5.341	ug/L	97
33) Benzene	5.101	78	89191	5.059	ug/L	100
34) Trichloroethene	5.915	95	24596	5.425	ug/L	95
35) Methylcyclohexane	6.127	83	31142	4.628	ug/L	96
37) 1,2-Dichloropropane	6.175	63	23599	5.099	ug/L	98
38) Bromodichloromethane	6.510	83	33206	5.416	ug/L	96
39) cis-1,3-Dichloropropene	7.030	75	29103	4.482	ug/L	98
40) 4-Methyl-2-pentanone	7.230	43	48267	8.824	ug/L	96
42) Toluene	7.391	91	84940	4.670	ug/L	98
44) trans-1,3-Dichloropropene	7.657	75	28436	4.558	ug/L	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV080122\
 Data File : VV027130.D
 Acq On : 01 Aug 2022 15:52
 Operator : SY/MD
 Sample : VSTD00546
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005246

Quant Time: Aug 02 00:04:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080122WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 02 00:03:42 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 08/02/2022
 Supervised By :Mahesh Dadoda 08/03/2022

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

45) 1,1,2-Trichloroethane	7.841	97	26535	5.454	ug/L	99
46) Tetrachloroethene	7.976	164	17507	5.058	ug/L	90
48) 2-Hexanone	8.146	43	36669	8.622	ug/L #	92
49) Dibromochloromethane	8.246	129	25936	5.135	ug/L	98
50) 1,2-Dibromoethane	8.355	107	25990	5.160	ug/L	98
51) Chlorobenzene	8.882	112	67710	5.380	ug/L	99
52) Ethylbenzene	9.011	91	83470	4.478	ug/L	97
53) m,p-Xylene	9.140	106	31348	4.287	ug/L	99
54) o-Xylene	9.545	106	31004	4.332	ug/L	97
55) Styrene	9.564	104	50753	4.080	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.239	83	42541	5.392	ug/L	98
59) Bromoform	9.731	173	16850	5.491	ug/L	97
60) Isopropylbenzene	9.931	105	78638	4.822	ug/L	99
61) 1,2,3-Trichloropropane	10.275	75	33188	6.014	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	32682	4.627	ug/L	98
63) 1,2,4-Trimethylbenzene	10.915	105	25370	4.445	ug/L	95
64) 1,3-Dichlorobenzene	11.181	146	41955	5.220	ug/L	95
65) 1,4-Dichlorobenzene	11.271	146	45455	5.361	ug/L	99
67) 1,2-Dichlorobenzene	11.644	146	44973	5.328	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.429	75	7863	5.326	ug/L	96
69) 1,3,5-Trichlorobenzene	12.644	180	28780	5.047	ug/L	98
70) 1,2,4-trichlorobenzene	13.262	180	22168	4.630	ug/L	98
71) Naphthalene	13.503	128	63216	4.019	ug/L	99
72) 1,2,3-Trichlorobenzene	13.744	180	24337	4.648	ug/L	97

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

