

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061822\
 Data File : VW026413.D
 Acq On : 18 Jun 2022 10:12
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005325

Quant Time: Jun 20 01:20:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR061522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jun 18 01:02:22 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 06/20/2022
 Supervised By :Mahesh Dadoda 06/20/2022

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	194655	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	184907	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	94357	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.320	65	77070	4.558	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	91.200%	
7) Chloroethane-d5	1.581	69	63904	4.807	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	96.200%	
11) 1,1-Dichloroethene-d2	2.121	63	145006	4.994	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	99.800%	
20) 2-Butanone-d5	3.912	46	83236	50.454	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	100.900%	
24) Chloroform-d	4.352	84	139104	5.613	ug/L	-0.01
Spiked Amount	5.000	Range 70 - 125	Recovery	=	112.200%	
26) 1,2-Dichloroethane-d4	5.037	65	53559	5.109	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	102.200%	
32) Benzene-d6	5.053	84	273307	5.529	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	110.600%	
36) 1,2-Dichloropropane-d6	6.072	67	76161	5.279	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	105.600%	
41) Toluene-d8	7.314	98	258855	5.743	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	114.800%	
43) trans-1,3-Dichloroprop...	7.622	79	21138	4.518	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	90.400%	
46) 2-Hexanone-d5	8.088	63	66831	47.289	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	94.580%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	51056	5.744	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	114.800%	
66) 1,2-Dichlorobenzene-d4	11.622	152	75158	5.171	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	103.400%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.143	85	83398	5.730	ug/L	99
3) Chloromethane	1.253	50	78612	4.864	ug/L	99
5) Vinyl chloride	1.323	62	86010	5.119	ug/L	89
6) Bromomethane	1.536	94	41739	4.445	ug/L	100
8) Chloroethane	1.597	64	56501m	5.417	ug/L	
9) Trichlorofluoromethane	1.767	101	130098	5.609	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.127	101	79026	5.875	ug/L	99
12) 1,1-Dichloroethene	2.130	96	70286	5.715	ug/L	95
13) Acetone	2.211	43	64440	50.403	ug/L	87
14) Carbon disulfide	2.304	76	153441	5.060	ug/L	99
15) Methyl Acetate	2.455	43	16222	5.288	ug/L	99
16) Methylene chloride	2.516	84	72745	4.636	ug/L	98
17) Methyl tert-butyl Ether	2.780	73	115849	5.479	ug/L	99
18) trans-1,2-Dichloroethene	2.770	96	66313	5.560	ug/L	95
19) 1,1-Dichloroethane	3.198	63	131339	5.774	ug/L	99
21) 2-Butanone	3.992	43	89861	54.320	ug/L	93
22) cis-1,2-Dichloroethene	3.918	96	67882	5.625	ug/L	98
23) Bromochloromethane	4.256	128	29461	5.754	ug/L	93
25) Chloroform	4.381	83	140116	5.679	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.134	62	65746	5.854	ug/L	99
29) 1,1,1-Trichloroethane	4.613	97	120627	5.904	ug/L	100
30) Cyclohexane	4.683	56	79536	5.205	ug/L	99
31) Carbon tetrachloride	4.831	117	100915	5.832	ug/L	99
33) Benzene	5.101	78	280931	5.926	ug/L	100
34) Trichloroethene	5.915	95	68861	5.321	ug/L	98
35) Methylcyclohexane	6.130	83	94287	5.267	ug/L	99
37) 1,2-Dichloropropane	6.172	63	68686	5.540	ug/L #	97
38) Bromodichloromethane	6.510	83	86278	5.737	ug/L	98
39) cis-1,3-Dichloropropene	7.027	75	70457	4.979	ug/L	98
40) 4-Methyl-2-pentanone	7.227	43	252218	55.322	ug/L	99
42) Toluene	7.387	91	304902	6.115	ug/L	99
44) trans-1,3-Dichloropropene	7.651	75	55124	4.878	ug/L	97
45) 1,1,2-Trichloroethane	7.838	97	45166	5.550	ug/L	94
47) Tetrachloroethene	7.973	164	55945	5.836	ug/L	99
48) 2-Hexanone	8.140	43	180626	55.299	ug/L	99
49) Dibromochloromethane	8.243	129	50686	5.624	ug/L	98
50) 1,2-Dibromoethane	8.352	107	38551	5.559	ug/L	99
51) Chlorobenzene	8.879	112	188174	5.780	ug/L	99
52) Ethylbenzene	9.011	91	290149	5.805	ug/L	97
53) m,p-Xylene	9.137	106	117112	6.011	ug/L	97
54) o-Xylene	9.542	106	108570	5.752	ug/L	98
55) Styrene	9.558	104	196049	6.185	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.239	83	51566	6.246	ug/L	95
59) Bromoform	9.728	173	22276	5.377	ug/L	100
60) Isopropylbenzene	9.931	105	297073	5.906	ug/L	99
61) 1,2,3-Trichloropropane	10.272	75	32872	5.369	ug/L	96
62) 1,3,5-Trimethylbenzene	10.538	105	218971	5.486	ug/L	98
63) 1,2,4-Trimethylbenzene	10.911	105	225131	5.698	ug/L	98
64) 1,3-Dichlorobenzene	11.178	146	146543	5.929	ug/L	99
65) 1,4-Dichlorobenzene	11.268	146	144760	5.763	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	123833	5.656	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	5453	5.028	ug/L	89
69) 1,3,5-Trichlorobenzene	12.641	180	99312	5.557	ug/L	100
70) 1,2,4-trichlorobenzene	13.259	180	67950	5.155	ug/L	99
71) Naphthalene	13.500	128	83053	4.538	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	56343	5.106	ug/L	97

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

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Supervised By :Mahesh Dadoda 06/20/2022

TIC: VV026413.D\data.ms

The chromatogram displays a series of sharp peaks against a baseline. The most prominent peak occurs at approximately 1.8 minutes, reaching an abundance of nearly 850,000. Other significant peaks are observed between 9 and 11 minutes, with abundances ranging from 400,000 to 600,000. The baseline remains relatively stable after 14 minutes.

Time (min)	Compound(s)
~0.5	Dichlorodifluoromethane, T
~0.8	Chloroethane, T
~1.2	Bromochloromethane, S
~1.5	Trichlorofluoromethane, T
~1.8	1,1-Dichloro-2,2,2-trifluoroethane, T
~2.2	Acetone, T
~2.5	Methyl Acetate, T
~2.8	Carbon disulfide, T
~3.2	Methylene chloride, T
~3.5	1,1-Dichloroethane, T
~4.2	2-Butanone, T
~4.5	Bromochloropropane, T
~4.8	1,1,1-Trichloroethane, T
~5.0	Carbon tetrachloride, T
~5.2	1,2-Dichloroethane, T
~5.5	1,4-Difluorobenzene, I
~5.8	Trichloroethene, T
~6.0	1,2-Dichloropropane, S
~6.2	Hexane, T
~6.5	Bromodichloromethane, T
~7.2	cis-1,3-Dichloropropene, T
~7.5	4-Methyl-2-pentanone, T
~7.8	trans-1,3-Dichloropropene, T
~8.0	1,1,2-Trichloroethane, T
~8.2	2-Hexanone, T
~8.5	1,2-Dichloroethane, T
~8.8	Chlorobenzene, T
~9.0	m,p-Xylene, T
~9.2	Styrene, T
~9.5	Bromobenzene, T
~9.8	Isopropylbenzene, T
~10.2	1,2,4-Trimethylbenzene, T
~10.5	1,3,5-Trimethylbenzene, T
~10.8	1,2,4-Trimethylbenzene, T
~11.0	1,3,5-Trichlorobenzene, T
~11.2	1,2-Dichlorobenzene, T
~11.5	1,3,5-Trichlorobenzene, T
~11.8	Naphthalene
~12.0	1,2,3-Trichlorobenzene, T