

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW110221\
 Data File : VW023175.D
 Acq On : 03 Nov 2021 10:08
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 71 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005334

Quant Time: Nov 07 01:55:55 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102221WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 02 23:31:16 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John
 Carlone

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	11/08/2021 Supervised By :Mahesh Dadoda
Internal Standards							
1) 1,4-Difluorobenzene	5.616	114	122388	5.000	ug/L	0.00	
28) Chlorobenzene-d5	8.854	117	124118	5.000	ug/L	0.00	
58) 1,4-Dichlorobenzene-d4	11.249	152	72415	5.000	ug/L	0.00	11/08/2021

System Monitoring Compounds

4) Vinyl Chloride-d3	1.304	65	44462	4.157	ug/L	0.00	
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.200%	
7) Chloroethane-d5	1.568	69	35269	5.331	ug/L	0.00	
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.600%	
11) 1,1-Dichloroethene-d2	2.108	63	78921	5.115	ug/L	0.00	
Spiked Amount	5.000	Range	60 - 125	Recovery	=	102.400%	
20) 2-Butanone-d5	3.902	46	75851	44.214	ug/L	0.00	
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.420%	
24) Chloroform-d	4.346	84	93631	5.385	ug/L	0.00	
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.800%	
26) 1,2-Dichloroethane-d4	5.031	65	42020	5.127	ug/L	0.00	
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.600%	
32) Benzene-d6	5.047	84	180892	4.992	ug/L	0.00	
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.800%	
36) 1,2-Dichloropropane-d6	6.066	67	51999	4.661	ug/L	0.00	
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.200%	
41) Toluene-d8	7.313	98	172231	5.291	ug/L	0.00	
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.800%	
43) trans-1,3-Dichloroprop...	7.622	79	19869	5.084	ug/L	0.00	
Spiked Amount	5.000	Range	55 - 130	Recovery	=	101.600%	
46) 2-Hexanone-d5	8.088	63	74647	51.587	ug/L	0.00	
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.180%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	37432	4.860	ug/L	0.00	
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.200%	
66) 1,2-Dichlorobenzene-d4	11.625	152	61507	4.760	ug/L	0.00	
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.200%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.127	85	37615	4.845	ug/L	100
3) Chloromethane	1.240	50	36786	4.383	ug/L	97
5) Vinyl chloride	1.310	62	38464	4.438	ug/L	98
6) Bromomethane	1.523	94	26093	5.958	ug/L	98
8) Chloroethane	1.584	64	25551	5.637	ug/L	98
9) Trichlorofluoromethane	1.754	101	66535	5.688	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	38469	5.768	ug/L	99
12) 1,1-Dichloroethene	2.118	96	33779	5.391	ug/L	98
13) Acetone	2.198	43	55039m	65.392	ug/L	
14) Carbon disulfide	2.294	76	99912	5.855	ug/L	99
15) Methyl Acetate	2.442	43	11628	3.632	ug/L	99
16) Methylene chloride	2.507	84	45997	6.683	ug/L	97
17) Methyl tert-butyl Ether	2.767	73	79681	5.326	ug/L	96
18) trans-1,2-Dichloroethene	2.761	96	40575	6.065	ug/L	98
19) 1,1-Dichloroethane	3.188	63	77273	6.287	ug/L	97
21) 2-Butanone	3.982	43	73249	44.454	ug/L	100
22) cis-1,2-Dichloroethene	3.908	96	43020	5.672	ug/L #	90
23) Bromochloromethane	4.249	128	20498	5.953	ug/L #	84
25) Chloroform	4.375	83	82980	5.109	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	11/08/2021 Supervised By :Mahesh Dadoda
27) 1,2-Dichloroethane	5.127	62	43980	5.135	ug/L	97	
29) 1,1,1-Trichloroethane	4.606	97	73630	5.250	ug/L	99	
30) Cyclohexane	4.677	56	55911	4.566	ug/L	98	
31) Carbon tetrachloride	4.828	117	64271	5.325	ug/L	99	11/08/2021
33) Benzene	5.098	78	167707	5.021	ug/L	100	
34) Trichloroethene	5.915	95	43001	5.125	ug/L	94	
35) Methylcyclohexane	6.127	83	61413	5.111	ug/L	97	
37) 1,2-Dichloropropane	6.172	63	40973	4.867	ug/L	99	
38) Bromodichloromethane	6.510	83	54369	5.235	ug/L	95	
39) cis-1,3-Dichloropropene	7.027	75	54920	5.239	ug/L	100	
40) 4-Methyl-2-pentanone	7.227	43	194234	49.008	ug/L	98	
42) Toluene	7.387	91	184344	5.446	ug/L	98	
44) trans-1,3-Dichloropropene	7.651	75	48786	5.625	ug/L	98	
45) 1,1,2-Trichloroethane	7.838	97	30311	5.147	ug/L	97	
47) Tetrachloroethene	7.976	164	38106	5.375	ug/L	96	
48) 2-Hexanone	8.140	43	148631	50.519	ug/L	97	
49) Dibromochloromethane	8.246	129	37956	5.416	ug/L	98	
50) 1,2-Dibromoethane	8.352	107	27414	5.170	ug/L #	99	
51) Chlorobenzene	8.883	112	118920	5.348	ug/L	99	
52) Ethylbenzene	9.011	91	185148	5.511	ug/L	98	
53) m,p-xylene	9.137	106	74800	5.552	ug/L	99	
54) o-xylene	9.542	106	69669	5.493	ug/L	100	
55) Styrene	9.561	104	124119	5.667	ug/L	99	
57) 1,1,2,2-Tetrachloroethane	10.239	83	33438	5.079	ug/L	96	
59) Bromoform	9.731	173	21298	5.047	ug/L #	99	
60) Isopropylbenzene	9.931	105	191444	5.227	ug/L	100	
61) 1,2,3-Trichloropropane	10.275	75	23320	4.575	ug/L	98	
62) 1,3,5-Trimethylbenzene	10.538	105	151585	5.153	ug/L	99	
63) 1,2,4-Trimethylbenzene	10.915	105	155162	5.285	ug/L	100	
64) 1,3-Dichlorobenzene	11.181	146	99751	5.176	ug/L	95	
65) 1,4-Dichlorobenzene	11.271	146	100625	5.140	ug/L	98	
67) 1,2-Dichlorobenzene	11.644	146	90628	5.052	ug/L	100	
68) 1,2-Dibromo-3-chloropr...	12.429	75	4908	4.880	ug/L #	81	
69) 1,3,5-Trichlorobenzene	12.644	180	75924	5.173	ug/L	98	
70) 1,2,4-trichlorobenzene	13.262	180	58913	5.364	ug/L	99	
71) Naphthalene	13.503	128	83298	4.989	ug/L	99	
72) 1,2,3-Trichlorobenzene	13.744	180	53401	5.238	ug/L	99	

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

