

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW092321\
 Data File : VW022278.D
 Acq On : 23 Sep 2021 12:22
 Operator : SY/MD
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV229

Quant Time: Sep 24 03:44:16 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092321WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 24 03:31:01 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	134205	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	131997	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	67983	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	34517	5.104	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	102.000%
7) Chloroethane-d5	1.564	69	39058	4.935	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.800%
11) 1,1-Dichloroethene-d2	2.104	63	82824	5.137	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	102.800%
20) 2-Butanone-d5	3.908	46	148560	53.758	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.520%
24) Chloroform-d	4.349	84	99613	5.136	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.800%
26) 1,2-Dichloroethane-d4	5.034	65	47185	5.092	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.800%
32) Benzene-d6	5.050	84	197943	5.333	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.600%
36) 1,2-Dichloropropane-d6	6.069	67	63367	5.467	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	109.400%
41) Toluene-d8	7.316	98	183763	5.482	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.600%
43) trans-1,3-Dichloroprop...	7.625	79	18664	5.272	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	105.400%
46) 2-Hexanone-d5	8.091	63	123979	56.324	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	112.640%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	50491	5.174	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.400%
66) 1,2-Dichlorobenzene-d4	11.625	152	66863	5.240	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	54899	5.254	ug/L	97
3) Chloromethane	1.240	50	53470	5.120	ug/L	99
5) Vinyl chloride	1.307	62	53391	5.316	ug/L	97
6) Bromomethane	1.516	94	34094	5.295	ug/L	96
8) Chloroethane	1.580	64	31954	5.052	ug/L	97
9) Trichlorofluoromethane	1.748	101	71156	5.122	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	42197	5.097	ug/L	100
12) 1,1-Dichloroethene	2.111	96	41101	5.450	ug/L	94
13) Acetone	2.201	43	81503	52.018	ug/L	100
14) Carbon disulfide	2.288	76	135647	5.289	ug/L	99
15) Methyl Acetate	2.445	43	19291	5.548	ug/L	93
16) Methylene chloride	2.503	84	52164	3.975	ug/L	99
17) Methyl tert-butyl Ether	2.770	73	105850	5.277	ug/L	99
18) trans-1,2-Dichloroethene	2.754	96	47642	5.288	ug/L	97
19) 1,1-Dichloroethane	3.188	63	82524	5.192	ug/L	97
21) 2-Butanone	3.992	43	126811	53.500	ug/L	100
22) cis-1,2-Dichloroethene	3.911	96	47400	5.293	ug/L	99
23) Bromochloromethane	4.249	128	22757	5.383	ug/L	94
25) Chloroform	4.374	83	83315	5.129	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	49584	5.228	ug/L	97
29) 1,1,1-Trichloroethane	4.606	97	71273	5.185	ug/L	99
30) Cyclohexane	4.674	56	73344	5.344	ug/L	99
31) Carbon tetrachloride	4.825	117	61029	5.226	ug/L	99
33) Benzene	5.098	78	186496	5.372	ug/L	100
34) Trichloroethene	5.915	95	46586	5.280	ug/L	95
35) Methylcyclohexane	6.130	83	76027	5.396	ug/L	99
37) 1,2-Dichloropropane	6.175	63	47563	5.426	ug/L	98
38) Bromodichloromethane	6.513	83	54089	5.121	ug/L	97
39) cis-1,3-Dichloropropene	7.030	75	65596	5.659	ug/L	96
40) 4-Methyl-2-pentanone	7.230	43	316072	55.950	ug/L	99
42) Toluene	7.387	91	204682	5.565	ug/L	99
44) trans-1,3-Dichloropropene	7.654	75	55412	5.592	ug/L	100
45) 1,1,2-Trichloroethane	7.841	97	35907	5.418	ug/L	96
47) Tetrachloroethene	7.976	164	40757	5.447	ug/L	98
48) 2-Hexanone	8.143	43	224049	56.442	ug/L	99
49) Dibromochloromethane	8.246	129	39164	5.495	ug/L	93
50) 1,2-Dibromoethane	8.355	107	33197	5.387	ug/L #	92
51) Chlorobenzene	8.882	112	131299	5.434	ug/L	96
52) Ethylbenzene	9.014	91	208529	5.450	ug/L	99
53) m,p-xylene	9.140	106	80594	5.454	ug/L	95
54) o-xylene	9.545	106	78720	5.467	ug/L	99
55) Styrene	9.564	104	134860	5.644	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.242	83	42440	5.157	ug/L	97
59) Bromoform	9.734	173	20320	5.357	ug/L	98
60) Isopropylbenzene	9.934	105	207103	5.467	ug/L	100
61) 1,2,3-Trichloropropane	10.278	75	30486	5.170	ug/L	97
62) 1,3,5-Trimethylbenzene	10.541	105	168150	5.435	ug/L	100
63) 1,2,4-Trimethylbenzene	10.918	105	172582	5.597	ug/L	100
64) 1,3-Dichlorobenzene	11.185	146	101793	5.459	ug/L	99
65) 1,4-Dichlorobenzene	11.275	146	101348	5.363	ug/L	99
67) 1,2-Dichlorobenzene	11.644	146	95328	5.363	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.429	75	5935	5.063	ug/L	95
69) 1,3,5-Trichlorobenzene	12.647	180	76329	5.397	ug/L	98
70) 1,2,4-trichlorobenzene	13.265	180	61260	5.437	ug/L	96
71) Naphthalene	13.506	128	115279	5.630	ug/L	99
72) 1,2,3-Trichlorobenzene	13.747	180	59781	5.677	ug/L	98

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

