

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011323\
 Data File : VU052693.D
 Acq On : 13 Jan 2023 20:31
 Operator : JC/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005125

Quant Time: Jan 14 03:58:03 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011023WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jan 11 00:53:59 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	147573	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	142790	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	79605	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	47812	3.688	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.800%
7) Chloroethane-d5	1.916	69	44015	4.167	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.400%
11) 1,1-Dichloroethene-d2	2.565	65	24172	4.234	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.600%
20) 2-Butanone-d5	4.639	46	162001	46.733	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.460%
24) Chloroform-d	5.060	84	115980	4.796	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.000%
26) 1,2-Dichloroethane-d4	5.697	65	60479	4.870	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.400%
32) Benzene-d6	5.722	84	223634	4.832	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.600%
36) 1,2-Dichloropropane-d6	6.687	67	71735	4.651	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.000%
41) Toluene-d8	7.893	98	204513	5.012	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.200%
43) trans-1,3-Dichloroprop...	8.176	79	27197	4.742	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.800%
46) 2-Hexanone-d5	8.632	63	124979	52.458	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.920%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	58606	4.963	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.200%
66) 1,2-Dichlorobenzene-d4	12.188	152	71037	4.902	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	75417	4.757	ug/L	99
3) Chloromethane	1.520	50	66846	3.472	ug/L	99
5) Vinyl chloride	1.604	62	73470	3.988	ug/L	100
6) Bromomethane	1.858	94	16961	1.774	ug/L	91
8) Chloroethane	1.935	64	47929	4.280	ug/L	94
9) Trichlorofluoromethane	2.137	101	103204	4.752	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	59103	4.626	ug/L	96
12) 1,1-Dichloroethene	2.578	96	59765	4.671	ug/L	94
13) Acetone	2.665	43	107640	43.296	ug/L	100
14) Carbon disulfide	2.793	76	208582	4.717	ug/L	100
15) Methyl Acetate	2.960	43	29251	4.908	ug/L	98
16) Methylene chloride	3.044	84	89907	5.281	ug/L	92
17) Methyl tert-butyl Ether	3.359	73	141622	5.002	ug/L	99
18) trans-1,2-Dichloroethene	3.353	96	64454	4.940	ug/L	94
19) 1,1-Dichloroethane	3.867	63	126811	4.680	ug/L	99
21) 2-Butanone	4.716	43	187282	46.795	ug/L	98
22) cis-1,2-Dichloroethene	4.661	96	68557	4.893	ug/L	98
23) Bromochloromethane	4.967	128	30827	5.197	ug/L	86
25) Chloroform	5.083	83	128392	4.820	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.790	62	78263	4.848	ug/L	97
29) 1,1,1-Trichloroethane	5.314	97	106445	4.751	ug/L	98
30) Cyclohexane	5.385	56	105146	4.665	ug/L	97
31) Carbon tetrachloride	5.520	117	92633	5.277	ug/L	97
33) Benzene	5.771	78	283428	5.015	ug/L	100
34) Trichloroethene	6.539	95	66425	4.969	ug/L	98
35) Methylcyclohexane	6.761	83	106996	4.847	ug/L	97
37) 1,2-Dichloropropane	6.787	63	73885	4.871	ug/L	99
38) Bromodichloromethane	7.102	83	90076	5.044	ug/L	95
39) cis-1,3-Dichloropropene	7.603	75	92309	4.795	ug/L	99
40) 4-Methyl-2-pentanone	7.790	43	424841	48.975	ug/L	97
42) Toluene	7.967	91	292494	5.195	ug/L	100
44) trans-1,3-Dichloropropene	8.205	75	80492	4.843	ug/L	99
45) 1,1,2-Trichloroethane	8.394	97	48266	5.059	ug/L	95
47) Tetrachloroethene	8.549	164	51381	5.216	ug/L	96
48) 2-Hexanone	8.681	43	315110	49.613	ug/L	96
49) Dibromochloromethane	8.806	129	57010	5.169	ug/L	96
50) 1,2-Dibromoethane	8.918	107	44438	5.067	ug/L #	98
51) Chlorobenzene	9.443	112	179139	5.108	ug/L	97
52) Ethylbenzene	9.565	91	292991	5.109	ug/L	98
53) m,p-Xylene	9.690	106	117789	5.422	ug/L	99
54) o-Xylene	10.095	106	110959	5.342	ug/L	100
55) Styrene	10.111	104	195851	5.528	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.777	83	62341	5.002	ug/L	98
59) Bromoform	10.285	173	31929	5.158	ug/L	99
60) Isopropylbenzene	10.481	105	288329	5.110	ug/L	99
61) 1,2,3-Trichloropropane	10.819	75	43218	4.671	ug/L	93
62) 1,3,5-Trimethylbenzene	11.086	105	230281	5.117	ug/L	100
63) 1,2,4-Trimethylbenzene	11.465	105	233988	5.161	ug/L	98
64) 1,3-Dichlorobenzene	11.741	146	134546	5.013	ug/L	98
65) 1,4-Dichlorobenzene	11.832	146	135507	4.949	ug/L	99
67) 1,2-Dichlorobenzene	12.208	146	126453	5.007	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.992	75	9464	4.435	ug/L #	88
69) 1,3,5-Trichlorobenzene	13.214	180	97325	4.882	ug/L	99
70) 1,2,4-trichlorobenzene	13.835	180	77135	4.824	ug/L	99
71) Naphthalene	14.082	128	128759	4.638	ug/L	99
72) 1,2,3-Trichlorobenzene	14.323	180	73470	5.015	ug/L	99

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

