

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100323\
 Data File : VU055631.D
 Acq On : 03 Oct 2023 10:25
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005155

Quant Time: Oct 04 04:37:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Oct 03 06:03:59 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	181585	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	185024	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	104571	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	90753	4.945	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.800%
7) Chloroethane-d5	1.914	69	75628	4.676	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.600%
11) 1,1-Dichloroethene-d2	2.566	65	34480	4.564	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	91.200%
20) 2-Butanone-d5	4.637	46	133443	40.255	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	80.520%
24) Chloroform-d	5.061	84	152562	4.596	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.000%
26) 1,2-Dichloroethane-d4	5.701	65	70557	4.419	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.400%
32) Benzene-d6	5.727	84	304612	4.707	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.200%
36) 1,2-Dichloropropane-d6	6.688	67	88542	4.579	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.600%
41) Toluene-d8	7.897	98	283071	4.799	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.000%
43) trans-1,3-Dichloroprop...	8.180	79	32767	4.829	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.600%
46) 2-Hexanone-d5	8.634	63	83625	40.515	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	81.040%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	61358	4.234	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.600%
66) 1,2-Dichlorobenzene-d4	12.190	152	86427	4.095	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	81.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.386	85	86889	4.915	ug/L	98
3) Chloromethane	1.518	50	85879	5.522	ug/L	100
5) Vinyl chloride	1.605	62	96444	5.748	ug/L	99
6) Bromomethane	1.859	94	57296	5.376	ug/L	95
8) Chloroethane	1.933	64	61965	5.660	ug/L	97
9) Trichlorofluoromethane	2.139	101	138926	5.971	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.583	101	76628	5.412	ug/L	98
12) 1,1-Dichloroethene	2.579	96	64715	5.097	ug/L	94
13) Acetone	2.650	43	101392	53.658	ug/L	97
14) Carbon disulfide	2.792	76	203554	5.334	ug/L	98
15) Methyl Acetate	2.952	43	22090	5.127	ug/L	98
16) Methylene chloride	3.042	84	78852	5.184	ug/L	97
17) Methyl tert-butyl Ether	3.361	73	148185	5.380	ug/L	99
18) trans-1,2-Dichloroethene	3.354	96	68699	5.369	ug/L	98
19) 1,1-Dichloroethane	3.865	63	134578	5.687	ug/L	98
21) 2-Butanone	4.714	43	155637	56.158	ug/L	97
22) cis-1,2-Dichloroethene	4.666	96	77666	5.235	ug/L	98
23) Bromochloromethane	4.975	128	33369	5.321	ug/L	91
25) Chloroform	5.087	83	141620	5.652	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.795	62	84554	5.502	ug/L	95
29) 1,1,1-Trichloroethane	5.316	97	119016	5.642	ug/L	98
30) Cyclohexane	5.386	56	105714	5.475	ug/L	98
31) Carbon tetrachloride	5.521	117	105057	5.811	ug/L	100
33) Benzene	5.772	78	301874	5.669	ug/L	100
34) Trichloroethene	6.541	95	80269	5.329	ug/L	99
35) Methylcyclohexane	6.762	83	121073	5.580	ug/L	99
37) 1,2-Dichloropropane	6.788	63	78550	5.640	ug/L	100
38) Bromodichloromethane	7.106	83	96456	5.910	ug/L	97
39) cis-1,3-Dichloropropene	7.605	75	109345	5.882	ug/L	97
40) 4-Methyl-2-pentanone	7.788	43	368106	58.266	ug/L	97
42) Toluene	7.968	91	327583	5.767	ug/L	97
44) trans-1,3-Dichloropropene	8.209	75	89423	6.013	ug/L	99
45) 1,1,2-Trichloroethane	8.399	97	53946	5.524	ug/L	98
47) Tetrachloroethene	8.550	164	59588	5.514	ug/L	97
48) 2-Hexanone	8.685	43	280561	57.301	ug/L	98
49) Dibromochloromethane	8.807	129	60310	5.892	ug/L	99
50) 1,2-Dibromoethane	8.920	107	50537	5.577	ug/L	97
51) Chlorobenzene	9.444	112	200270	5.505	ug/L	99
52) Ethylbenzene	9.569	91	339385	5.573	ug/L	97
53) m,p-Xylene	9.692	106	131264	5.752	ug/L	100
54) o-Xylene	10.100	106	122864	5.538	ug/L	97
55) Styrene	10.113	104	207773	5.791	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.778	83	61800	5.606	ug/L	98
59) Bromoform	10.290	173	32438	5.787	ug/L	98
60) Isopropylbenzene	10.483	105	330203	5.479	ug/L	100
61) 1,2,3-Trichloropropane	10.820	75	44420	5.442	ug/L	96
62) 1,3,5-Trimethylbenzene	11.087	105	254463	5.280	ug/L	100
63) 1,2,4-Trimethylbenzene	11.466	105	249195	5.282	ug/L	98
64) 1,3-Dichlorobenzene	11.743	146	156618	5.428	ug/L	97
65) 1,4-Dichlorobenzene	11.836	146	158968	5.512	ug/L	99
67) 1,2-Dichlorobenzene	12.209	146	143084	5.409	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.994	75	8192	5.790	ug/L	91
69) 1,3,5-Trichlorobenzene	13.216	180	106928	5.381	ug/L	97
70) 1,2,4-trichlorobenzene	13.839	180	82958	5.476	ug/L	98
71) Naphthalene	14.084	128	118347	5.396	ug/L	99
72) 1,2,3-Trichlorobenzene	14.328	180	70737	5.366	ug/L	98

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

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