

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100223\
 Data File : VU055617.D
 Acq On : 02 Oct 2023 20:18
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005152

Quant Time: Oct 03 05:00:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 27 23:33:30 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	184076	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	188881	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	105418	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	76068	4.089	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.800%
7) Chloroethane-d5	1.914	69	76322	4.655	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.200%
11) 1,1-Dichloroethene-d2	2.567	65	30110	3.932	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.600%
20) 2-Butanone-d5	4.634	46	177293	52.760	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.520%
24) Chloroform-d	5.062	84	160469	4.769	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.400%
26) 1,2-Dichloroethane-d4	5.701	65	76475	4.724	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.400%
32) Benzene-d6	5.724	84	300246	4.545	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.800%
36) 1,2-Dichloropropane-d6	6.689	67	92953	4.709	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.200%
41) Toluene-d8	7.894	98	269834	4.481	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.600%
43) trans-1,3-Dichloroprop...	8.177	79	32916	4.752	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.000%
46) 2-Hexanone-d5	8.634	63	115299	54.720	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.440%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	79061	5.344	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.800%
66) 1,2-Dichlorobenzene-d4	12.190	152	94425	4.438	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	75362	4.205	ug/L	99
3) Chloromethane	1.518	50	77980	4.946	ug/L	100
5) Vinyl chloride	1.602	62	90615	5.328	ug/L	96
6) Bromomethane	1.856	94	46192	4.276	ug/L	96
8) Chloroethane	1.933	64	60420	5.444	ug/L	99
9) Trichlorofluoromethane	2.139	101	132480	5.617	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.579	101	63982	4.458	ug/L	97
12) 1,1-Dichloroethene	2.579	96	58502	4.546	ug/L	90
13) Acetone	2.650	43	86569	45.193	ug/L	87
14) Carbon disulfide	2.792	76	182547	4.718	ug/L	99
15) Methyl Acetate	2.959	43	22436	5.137	ug/L	94
16) Methylene chloride	3.042	84	83142	5.392	ug/L	97
17) Methyl tert-butyl Ether	3.361	73	137487	4.924	ug/L	98
18) trans-1,2-Dichloroethene	3.354	96	61809	4.765	ug/L	95
19) 1,1-Dichloroethane	3.866	63	120230	5.012	ug/L	95
21) 2-Butanone	4.714	43	142677	50.785	ug/L	97
22) cis-1,2-Dichloroethene	4.663	96	70431	4.683	ug/L	98
23) Bromochloromethane	4.975	128	31535	4.961	ug/L	95
25) Chloroform	5.084	83	129201	5.086	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.795	62	79626	5.111	ug/L	100
29) 1,1,1-Trichloroethane	5.312	97	109953	5.106	ug/L	97
30) Cyclohexane	5.386	56	92509	4.693	ug/L	98
31) Carbon tetrachloride	5.521	117	96129	5.208	ug/L	99
33) Benzene	5.772	78	277050	5.096	ug/L	100
34) Trichloroethene	6.541	95	74780	4.863	ug/L	96
35) Methylcyclohexane	6.759	83	100680	4.545	ug/L	97
37) 1,2-Dichloropropane	6.788	63	72405	5.093	ug/L	99
38) Bromodichloromethane	7.103	83	88648	5.321	ug/L	95
39) cis-1,3-Dichloropropene	7.605	75	94159	4.962	ug/L	99
40) 4-Methyl-2-pentanone	7.788	43	341813	53.000	ug/L	97
42) Toluene	7.968	91	293943	5.069	ug/L	99
44) trans-1,3-Dichloropropene	8.209	75	78529	5.172	ug/L	100
45) 1,1,2-Trichloroethane	8.399	97	50106	5.026	ug/L	99
47) Tetrachloroethene	8.550	164	52817	4.788	ug/L	96
48) 2-Hexanone	8.682	43	263436	52.705	ug/L	95
49) Dibromochloromethane	8.807	129	55237	5.286	ug/L	97
50) 1,2-Dibromoethane	8.920	107	47267	5.109	ug/L #	93
51) Chlorobenzene	9.444	112	187316	5.043	ug/L	98
52) Ethylbenzene	9.566	91	309486	4.978	ug/L	96
53) m,p-Xylene	9.692	106	114847	4.930	ug/L	99
54) o-Xylene	10.097	106	113737	5.021	ug/L	98
55) Styrene	10.113	104	191407	5.226	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.778	83	59444	5.282	ug/L	99
59) Bromoform	10.290	173	29116	5.153	ug/L	99
60) Isopropylbenzene	10.483	105	304144	5.006	ug/L	100
61) 1,2,3-Trichloropropane	10.820	75	41530	5.047	ug/L	97
62) 1,3,5-Trimethylbenzene	11.084	105	234064	4.817	ug/L	99
63) 1,2,4-Trimethylbenzene	11.467	105	232792	4.895	ug/L	98
64) 1,3-Dichlorobenzene	11.743	146	150896	5.188	ug/L	99
65) 1,4-Dichlorobenzene	11.833	146	151505	5.211	ug/L	99
67) 1,2-Dichlorobenzene	12.209	146	132323	4.962	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.994	75	7443	5.218	ug/L	92
69) 1,3,5-Trichlorobenzene	13.216	180	95519	4.768	ug/L	98
70) 1,2,4-trichlorobenzene	13.836	180	97757	6.401	ug/L	98
71) Naphthalene	14.084	128	114075	5.160	ug/L	99
72) 1,2,3-Trichlorobenzene	14.328	180	66787	5.026	ug/L	99

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

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