

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112823\
 Data File : VU056619.D
 Acq On : 28 Nov 2023 10:03
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005179

Quant Time: Nov 28 23:45:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Nov 27 22:31:27 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	304715	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	309049	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	149714	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	94929	4.165	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.400%
7) Chloroethane-d5	1.907	69	63995	3.662	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	73.200%
11) 1,1-Dichloroethene-d2	2.563	65	41721	4.148	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.000%
20) 2-Butanone-d5	4.621	46	231093	50.849	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.700%
24) Chloroform-d	5.055	84	203233	4.610	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.200%
26) 1,2-Dichloroethane-d4	5.695	65	94631	4.645	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.000%
32) Benzene-d6	5.721	84	376176	4.085	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.800%
36) 1,2-Dichloropropane-d6	6.685	67	115620	4.166	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.400%
41) Toluene-d8	7.894	98	339456	4.175	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.400%
43) trans-1,3-Dichloroprop...	8.177	79	47397	4.453	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.000%
46) 2-Hexanone-d5	8.634	63	207659	49.649	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.300%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	90988	4.588	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.800%
66) 1,2-Dichlorobenzene-d4	12.190	152	114638	4.145	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	82.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	100800	4.175	ug/L	97
3) Chloromethane	1.515	50	97641	3.958	ug/L	99
5) Vinyl chloride	1.602	62	104421	4.393	ug/L	95
6) Bromomethane	1.856	94	48465	4.028	ug/L	96
8) Chloroethane	1.930	64	54057	3.723	ug/L	100
9) Trichlorofluoromethane	2.132	101	164784	4.810	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	103951	5.111	ug/L	99
12) 1,1-Dichloroethene	2.576	96	87931	4.714	ug/L	94
13) Acetone	2.631	43	170079	43.940	ug/L	99
14) Carbon disulfide	2.788	76	226253	3.727	ug/L	99
15) Methyl Acetate	2.949	43	31986	4.644	ug/L	96
16) Methylene chloride	3.039	84	107816	4.368	ug/L	98
17) Methyl tert-butyl Ether	3.354	73	226886	5.006	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	88752	4.624	ug/L	97
19) 1,1-Dichloroethane	3.859	63	193023	5.077	ug/L	100
21) 2-Butanone	4.702	43	236510	47.089	ug/L	98
22) cis-1,2-Dichloroethene	4.660	96	109995	5.054	ug/L	97
23) Bromochloromethane	4.968	128	44736	4.994	ug/L	97
25) Chloroform	5.081	83	204502	4.965	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	115832	4.953	ug/L	98
29) 1,1,1-Trichloroethane	5.309	97	176749	4.982	ug/L	100
30) Cyclohexane	5.383	56	139758	4.151	ug/L	99
31) Carbon tetrachloride	5.518	117	148385	4.870	ug/L	97
33) Benzene	5.769	78	405834	4.602	ug/L	100
34) Trichloroethene	6.537	95	110715	4.608	ug/L	98
35) Methylcyclohexane	6.759	83	150882	4.350	ug/L	100
37) 1,2-Dichloropropane	6.785	63	109435	4.759	ug/L	99
38) Bromodichloromethane	7.100	83	142700	4.807	ug/L	99
39) cis-1,3-Dichloropropene	7.602	75	166353	4.923	ug/L	98
40) 4-Methyl-2-pentanone	7.788	43	585402	51.354	ug/L	100
42) Toluene	7.965	91	452756	4.959	ug/L	98
44) trans-1,3-Dichloropropene	8.206	75	133525	4.957	ug/L	99
45) 1,1,2-Trichloroethane	8.396	97	80243	5.239	ug/L	97
47) Tetrachloroethene	8.550	164	82854	5.114	ug/L	97
48) 2-Hexanone	8.685	43	438925	49.425	ug/L	99
49) Dibromochloromethane	8.807	129	92719	5.324	ug/L	99
50) 1,2-Dibromoethane	8.920	107	71339	4.934	ug/L	98
51) Chlorobenzene	9.444	112	296625	5.056	ug/L	99
52) Ethylbenzene	9.566	91	509667	5.027	ug/L	99
53) m,p-Xylene	9.692	106	187870	5.041	ug/L	98
54) o-Xylene	10.097	106	184130	5.086	ug/L	99
55) Styrene	10.113	104	313994	5.214	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.778	83	98427	5.263	ug/L	96
59) Bromoform	10.290	173	50382	5.402	ug/L	99
60) Isopropylbenzene	10.479	105	500321	5.182	ug/L	99
61) 1,2,3-Trichloropropane	10.820	75	65292	5.083	ug/L	98
62) 1,3,5-Trimethylbenzene	11.084	105	408736	5.156	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	412823	5.275	ug/L	99
64) 1,3-Dichlorobenzene	11.743	146	224136	5.103	ug/L	98
65) 1,4-Dichlorobenzene	11.833	146	221471	5.027	ug/L	97
67) 1,2-Dichlorobenzene	12.209	146	200456	4.975	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.994	75	12210	4.450	ug/L	91
69) 1,3,5-Trichlorobenzene	13.216	180	169399	5.123	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	123058	4.569	ug/L	99
71) Naphthalene	14.084	128	174080	4.278	ug/L	100
72) 1,2,3-Trichlorobenzene	14.328	180	103046	4.645	ug/L	99

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

