

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110123\
 Data File : VU056033.D
 Acq On : 01 Nov 2023 09:59
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005129

Quant Time: Nov 02 02:04:08 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102423WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 01 01:09:14 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	348293	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	334748	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	161022	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	119890	4.351	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.000%
7) Chloroethane-d5	1.914	69	95321	4.438	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.800%
11) 1,1-Dichloroethene-d2	2.567	65	53200	4.548	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	91.000%
20) 2-Butanone-d5	4.637	46	220631	44.888	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.780%
24) Chloroform-d	5.062	84	229080	4.487	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.800%
26) 1,2-Dichloroethane-d4	5.701	65	103226	4.150	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.000%
32) Benzene-d6	5.724	84	456889	4.582	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.600%
36) 1,2-Dichloropropane-d6	6.689	67	135328	4.578	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.600%
41) Toluene-d8	7.894	98	416553	4.605	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.200%
43) trans-1,3-Dichloroprop...	8.177	79	52498	4.541	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.800%
46) 2-Hexanone-d5	8.634	63	181133	61.720	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	123.440%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	97916	4.549	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.000%
66) 1,2-Dichlorobenzene-d4	12.190	152	134286	4.470	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.387	85	92747	4.672	ug/L	99
3) Chloromethane	1.518	50	79276	4.183	ug/L	96
5) Vinyl chloride	1.605	62	91802	4.398	ug/L	98
6) Bromomethane	1.859	94	58338	4.511	ug/L	99
8) Chloroethane	1.936	64	59314	4.849	ug/L	100
9) Trichlorofluoromethane	2.139	101	143358	4.979	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.579	101	100447	5.311	ug/L	97
12) 1,1-Dichloroethene	2.579	96	85730	5.079	ug/L	91
13) Acetone	2.650	43	133483	47.657	ug/L	96
14) Carbon disulfide	2.795	76	188387	4.359	ug/L	100
15) Methyl Acetate	2.959	43	29608	5.189	ug/L	96
16) Methylene chloride	3.046	84	101711	5.318	ug/L	98
17) Methyl tert-butyl Ether	3.361	73	210134	5.130	ug/L	98
18) trans-1,2-Dichloroethene	3.354	96	83773	5.005	ug/L	97
19) 1,1-Dichloroethane	3.869	63	176089	5.181	ug/L	100
21) 2-Butanone	4.714	43	201260	48.880	ug/L	95
22) cis-1,2-Dichloroethene	4.666	96	103128	5.089	ug/L	93
23) Bromochloromethane	4.975	128	43909	5.318	ug/L	95
25) Chloroform	5.084	83	198522	5.448	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.792	62	102083	4.768	ug/L	97
29) 1,1,1-Trichloroethane	5.312	97	158993	5.211	ug/L	98
30) Cyclohexane	5.386	56	125989	4.894	ug/L	98
31) Carbon tetrachloride	5.521	117	137454	5.282	ug/L	96
33) Benzene	5.772	78	387551	5.246	ug/L	100
34) Trichloroethene	6.541	95	105682	5.114	ug/L	98
35) Methylcyclohexane	6.763	83	140767	5.047	ug/L	97
37) 1,2-Dichloropropane	6.788	63	102894	5.246	ug/L	100
38) Bromodichloromethane	7.103	83	133870	5.436	ug/L	97
39) cis-1,3-Dichloropropene	7.605	75	145438	5.205	ug/L	100
40) 4-Methyl-2-pentanone	7.788	43	483815	51.168	ug/L	97
42) Toluene	7.965	91	410741	5.320	ug/L	99
44) trans-1,3-Dichloropropene	8.209	75	120999	5.364	ug/L	99
45) 1,1,2-Trichloroethane	8.396	97	74384	5.393	ug/L	96
47) Tetrachloroethene	8.550	164	76496	5.286	ug/L	97
48) 2-Hexanone	8.682	43	370093	49.781	ug/L	99
49) Dibromochloromethane	8.807	129	85963	5.678	ug/L	100
50) 1,2-Dibromoethane	8.920	107	67198	5.370	ug/L	100
51) Chlorobenzene	9.444	112	270452	5.345	ug/L	99
52) Ethylbenzene	9.566	91	449016	5.131	ug/L	98
53) m,p-Xylene	9.692	106	164967	5.044	ug/L	99
54) o-Xylene	10.097	106	166845	5.213	ug/L	99
55) Styrene	10.113	104	278355	5.426	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.778	83	87620	5.488	ug/L	99
59) Bromoform	10.287	173	48079	5.869	ug/L	98
60) Isopropylbenzene	10.483	105	454132	5.660	ug/L	98
61) 1,2,3-Trichloropropane	10.820	75	61375	5.552	ug/L	98
62) 1,3,5-Trimethylbenzene	11.084	105	354599	5.408	ug/L	99
63) 1,2,4-Trimethylbenzene	11.467	105	355320	5.833	ug/L	100
64) 1,3-Dichlorobenzene	11.743	146	210768	5.541	ug/L	98
65) 1,4-Dichlorobenzene	11.833	146	206694	5.445	ug/L	98
67) 1,2-Dichlorobenzene	12.209	146	195414	5.596	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.994	75	12615	6.395	ug/L	91
69) 1,3,5-Trichlorobenzene	13.216	180	151523	5.830	ug/L	99
70) 1,2,4-trichlorobenzene	13.839	180	115011	5.987	ug/L	99
71) Naphthalene	14.084	128	159158	5.721	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	97230	5.870	ug/L	98

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

