

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110223\
 Data File : VU056055.D
 Acq On : 02 Nov 2023 09:04
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005131

Quant Time: Nov 03 00:18:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102423WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 02 02:08:05 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	339910	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	327844	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	159325	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.602	65	111855	4.160	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.200%
7) Chloroethane-d5	1.917	69	89238	4.258	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.200%
11) 1,1-Dichloroethene-d2	2.567	65	48229	4.225	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.400%
20) 2-Butanone-d5	4.637	46	225816	47.076	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.160%
24) Chloroform-d	5.058	84	220600	4.427	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.600%
26) 1,2-Dichloroethane-d4	5.702	65	100995	4.161	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.200%
32) Benzene-d6	5.724	84	442268	4.529	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.600%
36) 1,2-Dichloropropane-d6	6.685	67	131106	4.529	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.600%
41) Toluene-d8	7.894	98	395007	4.459	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.200%
43) trans-1,3-Dichloroprop...	8.177	79	49227	4.348	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.000%
46) 2-Hexanone-d5	8.634	63	175057	60.906	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	121.820%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	98512	4.673	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.400%
66) 1,2-Dichlorobenzene-d4	12.190	152	130485	4.390	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.387	85	89043	4.596	ug/L	97
3) Chloromethane	1.522	50	77359	4.182	ug/L	95
5) Vinyl chloride	1.605	62	89619	4.399	ug/L	97
6) Bromomethane	1.859	94	56843	4.504	ug/L	95
8) Chloroethane	1.936	64	56775	4.756	ug/L	99
9) Trichlorofluoromethane	2.139	101	136416	4.854	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.579	101	96957	5.253	ug/L	98
12) 1,1-Dichloroethene	2.579	96	82411	5.002	ug/L	88
13) Acetone	2.650	43	129510	47.378	ug/L	99
14) Carbon disulfide	2.795	76	182185	4.319	ug/L	98
15) Methyl Acetate	2.962	43	26642	4.784	ug/L	93
16) Methylene chloride	3.046	84	97245	5.210	ug/L	95
17) Methyl tert-butyl Ether	3.361	73	201766	5.047	ug/L	99
18) trans-1,2-Dichloroethene	3.351	96	81814	5.009	ug/L	94
19) 1,1-Dichloroethane	3.866	63	169734	5.118	ug/L	96
21) 2-Butanone	4.718	43	190284	47.354	ug/L	93
22) cis-1,2-Dichloroethene	4.666	96	99519	5.032	ug/L	93
23) Bromochloromethane	4.972	128	43745	5.429	ug/L	91
25) Chloroform	5.084	83	189919	5.340	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.792	62	101075	4.838	ug/L	97
29) 1,1,1-Trichloroethane	5.312	97	157382	5.267	ug/L	97
30) Cyclohexane	5.386	56	122303	4.851	ug/L	99
31) Carbon tetrachloride	5.521	117	135994	5.336	ug/L	99
33) Benzene	5.772	78	376103	5.198	ug/L	100
34) Trichloroethene	6.541	95	101295	5.005	ug/L	98
35) Methylcyclohexane	6.763	83	134660	4.930	ug/L	98
37) 1,2-Dichloropropane	6.788	63	98982	5.153	ug/L	100
38) Bromodichloromethane	7.103	83	129444	5.367	ug/L	97
39) cis-1,3-Dichloropropene	7.605	75	139589	5.101	ug/L	99
40) 4-Methyl-2-pentanone	7.788	43	459298	49.598	ug/L	97
42) Toluene	7.968	91	404816	5.354	ug/L	99
44) trans-1,3-Dichloropropene	8.209	75	112860	5.109	ug/L	96
45) 1,1,2-Trichloroethane	8.396	97	71954	5.327	ug/L	99
47) Tetrachloroethene	8.550	164	77000	5.433	ug/L	96
48) 2-Hexanone	8.685	43	355736	48.857	ug/L	99
49) Dibromochloromethane	8.808	129	82622	5.572	ug/L	97
50) 1,2-Dibromoethane	8.920	107	64997	5.303	ug/L	97
51) Chlorobenzene	9.444	112	260122	5.249	ug/L	99
52) Ethylbenzene	9.570	91	439998	5.133	ug/L	98
53) m,p-Xylene	9.692	106	167508	5.230	ug/L	94
54) o-Xylene	10.100	106	164415	5.246	ug/L	98
55) Styrene	10.113	104	275130	5.476	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.778	83	85026	5.438	ug/L	98
59) Bromoform	10.290	173	46043	5.681	ug/L	97
60) Isopropylbenzene	10.483	105	442864	5.578	ug/L	99
61) 1,2,3-Trichloropropane	10.820	75	59159	5.408	ug/L	96
62) 1,3,5-Trimethylbenzene	11.084	105	353901	5.455	ug/L	100
63) 1,2,4-Trimethylbenzene	11.463	105	349571	5.800	ug/L	99
64) 1,3-Dichlorobenzene	11.743	146	206696	5.492	ug/L	98
65) 1,4-Dichlorobenzene	11.833	146	198232	5.278	ug/L	98
67) 1,2-Dichlorobenzene	12.209	146	191254	5.535	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.994	75	11456	5.870	ug/L	93
69) 1,3,5-Trichlorobenzene	13.216	180	151406	5.887	ug/L	98
70) 1,2,4-trichlorobenzene	13.836	180	110958	5.837	ug/L	99
71) Naphthalene	14.084	128	142702	5.184	ug/L	100
72) 1,2,3-Trichlorobenzene	14.325	180	92684	5.655	ug/L	99

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

