

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112123\
 Data File : VU056562.D
 Acq On : 21 Nov 2023 19:35
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005171

Quant Time: Nov 21 23:38:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 21 23:30:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	253868	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	246585	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	127037	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	103542	5.453	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	109.000%
7) Chloroethane-d5	1.907	69	71674	4.923	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.400%
11) 1,1-Dichloroethene-d2	2.563	65	44369	5.295	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	105.800%
20) 2-Butanone-d5	4.618	46	221284	58.443	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.880%
24) Chloroform-d	5.055	84	197211	5.369	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.400%
26) 1,2-Dichloroethane-d4	5.695	65	95058	5.601	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	112.000%
32) Benzene-d6	5.721	84	377126	5.133	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.600%
36) 1,2-Dichloropropane-d6	6.682	67	117307	5.298	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.000%
41) Toluene-d8	7.894	98	343400	5.293	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.800%
43) trans-1,3-Dichloroprop...	8.174	79	45250	5.328	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	106.600%
46) 2-Hexanone-d5	8.627	63	204012	61.133	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	122.260%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	89166	5.636	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	112.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	118497	5.049	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	96368	4.791	ug/L	99
3) Chloromethane	1.515	50	96779	4.708	ug/L	98
5) Vinyl chloride	1.602	62	96439	4.870	ug/L	96
6) Bromomethane	1.853	94	44988	4.488	ug/L	95
8) Chloroethane	1.930	64	55227	4.565	ug/L	95
9) Trichlorofluoromethane	2.136	101	145688	5.105	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	85644	5.055	ug/L	99
12) 1,1-Dichloroethene	2.576	96	82507	5.309	ug/L	93
13) Acetone	2.631	43	146291	45.364	ug/L	99
14) Carbon disulfide	2.788	76	215911	4.270	ug/L	98
15) Methyl Acetate	2.946	43	30550	5.323	ug/L	96
16) Methylene chloride	3.039	84	104414	5.077	ug/L	97
17) Methyl tert-butyl Ether	3.354	73	213553	5.656	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	83521	5.224	ug/L	99
19) 1,1-Dichloroethane	3.862	63	176375	5.569	ug/L	99
21) 2-Butanone	4.698	43	214730	51.315	ug/L	96
22) cis-1,2-Dichloroethene	4.660	96	98804	5.449	ug/L	98
23) Bromochloromethane	4.968	128	42260	5.662	ug/L	96
25) Chloroform	5.081	83	190683	5.557	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	110847	5.689	ug/L	98
29) 1,1,1-Trichloroethane	5.309	97	162503	5.741	ug/L	99
30) Cyclohexane	5.380	56	117206	4.363	ug/L	98
31) Carbon tetrachloride	5.521	117	131333	5.402	ug/L	99
33) Benzene	5.769	78	380046	5.402	ug/L	100
34) Trichloroethene	6.538	95	103379	5.393	ug/L	98
35) Methylcyclohexane	6.756	83	123208	4.452	ug/L	99
37) 1,2-Dichloropropane	6.782	63	102048	5.562	ug/L	100
38) Bromodichloromethane	7.100	83	132929	5.612	ug/L	100
39) cis-1,3-Dichloropropene	7.602	75	146655	5.439	ug/L	97
40) 4-Methyl-2-pentanone	7.785	43	515456	56.672	ug/L	99
42) Toluene	7.962	91	401145	5.507	ug/L	99
44) trans-1,3-Dichloropropene	8.206	75	123894	5.764	ug/L	96
45) 1,1,2-Trichloroethane	8.393	97	72165	5.906	ug/L	97
47) Tetrachloroethene	8.547	164	70466	5.451	ug/L	99
48) 2-Hexanone	8.679	43	394450	55.668	ug/L	98
49) Dibromochloromethane	8.804	129	83387	6.001	ug/L	91
50) 1,2-Dibromoethane	8.917	107	68577	5.944	ug/L	100
51) Chlorobenzene	9.441	112	257627	5.504	ug/L	97
52) Ethylbenzene	9.566	91	438361	5.419	ug/L	99
53) m,p-Xylene	9.689	106	160023	5.381	ug/L	98
54) o-Xylene	10.097	106	160625	5.561	ug/L	97
55) Styrene	10.110	104	275902	5.742	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.775	83	88173	5.909	ug/L	99
59) Bromoform	10.283	173	47785	6.039	ug/L	99
60) Isopropylbenzene	10.480	105	430405	5.253	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	61579	5.649	ug/L	98
62) 1,3,5-Trimethylbenzene	11.081	105	352839	5.245	ug/L	98
63) 1,2,4-Trimethylbenzene	11.460	105	354290	5.336	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	199011	5.340	ug/L	98
65) 1,4-Dichlorobenzene	11.830	146	197961	5.296	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	187941	5.497	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.991	75	12055	5.178	ug/L	87
69) 1,3,5-Trichlorobenzene	13.213	180	146365	5.216	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	114379	5.005	ug/L	97
71) Naphthalene	14.081	128	167138	4.841	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	101260	5.379	ug/L	97

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

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