

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111423\
 Data File : VU056347.D
 Acq On : 15 Nov 2023 09:43
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005155

Quant Time: Nov 16 01:27:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 15 03:03:12 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	290290	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	278224	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	138784	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	92069	4.240	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.800%
7) Chloroethane-d5	1.911	69	76894	4.619	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.400%
11) 1,1-Dichloroethene-d2	2.563	65	44077	4.600	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.000%
20) 2-Butanone-d5	4.621	46	205024	47.355	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.700%
24) Chloroform-d	5.058	84	204544	4.870	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.400%
26) 1,2-Dichloroethane-d4	5.695	65	95590	4.926	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.600%
32) Benzene-d6	5.721	84	391196	4.719	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.400%
36) 1,2-Dichloropropane-d6	6.685	67	117945	4.721	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.400%
41) Toluene-d8	7.894	98	346292	4.731	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.600%
43) trans-1,3-Dichloroprop...	8.177	79	46245	4.826	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.600%
46) 2-Hexanone-d5	8.631	63	185621	49.297	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.600%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	88629	4.965	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.200%
66) 1,2-Dichlorobenzene-d4	12.190	152	116077	4.527	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	124424	5.410	ug/L	97
3) Chloromethane	1.518	50	121950	5.188	ug/L	96
5) Vinyl chloride	1.602	62	117093	5.171	ug/L	99
6) Bromomethane	1.856	94	59306	5.174	ug/L	96
8) Chloroethane	1.930	64	73703	5.328	ug/L	94
9) Trichlorofluoromethane	2.136	101	190722	5.844	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.579	101	110334	5.695	ug/L	99
12) 1,1-Dichloroethene	2.576	96	99438	5.596	ug/L	99
13) Acetone	2.631	43	172047	46.657	ug/L	97
14) Carbon disulfide	2.792	76	299418	5.178	ug/L	98
15) Methyl Acetate	2.949	43	35165	5.359	ug/L	97
16) Methylene chloride	3.042	84	109205	4.644	ug/L	98
17) Methyl tert-butyl Ether	3.357	73	233468	5.408	ug/L	98
18) trans-1,2-Dichloroethene	3.348	96	102587	5.611	ug/L	97
19) 1,1-Dichloroethane	3.862	63	200783	5.544	ug/L	100
21) 2-Butanone	4.698	43	230351	48.141	ug/L	99
22) cis-1,2-Dichloroethene	4.660	96	112378	5.420	ug/L	98
23) Bromochloromethane	4.968	128	47641	5.582	ug/L	97
25) Chloroform	5.081	83	208972	5.326	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	125589	5.637	ug/L	96
29) 1,1,1-Trichloroethane	5.312	97	180498	5.652	ug/L	100
30) Cyclohexane	5.383	56	160944	5.310	ug/L	99
31) Carbon tetrachloride	5.521	117	154716	5.640	ug/L	97
33) Benzene	5.769	78	442405	5.573	ug/L	100
34) Trichloroethene	6.537	95	119028	5.503	ug/L	99
35) Methylcyclohexane	6.759	83	172742	5.532	ug/L	99
37) 1,2-Dichloropropane	6.788	63	116852	5.644	ug/L	99
38) Bromodichloromethane	7.100	83	140431	5.254	ug/L	99
39) cis-1,3-Dichloropropene	7.602	75	162999	5.358	ug/L	98
40) 4-Methyl-2-pentanone	7.785	43	535477	52.178	ug/L	99
42) Toluene	7.965	91	462202	5.624	ug/L	99
44) trans-1,3-Dichloropropene	8.206	75	133761	5.516	ug/L	97
45) 1,1,2-Trichloroethane	8.396	97	76682	5.562	ug/L	95
47) Tetrachloroethene	8.550	164	82397	5.649	ug/L	98
48) 2-Hexanone	8.682	43	410177	51.305	ug/L	100
49) Dibromochloromethane	8.804	129	84536	5.392	ug/L	97
50) 1,2-Dibromoethane	8.920	107	68866	5.291	ug/L	100
51) Chlorobenzene	9.444	112	291711	5.524	ug/L	98
52) Ethylbenzene	9.566	91	513648	5.628	ug/L	100
53) m,p-Xylene	9.692	106	193172	5.757	ug/L	99
54) o-Xylene	10.097	106	183240	5.622	ug/L	98
55) Styrene	10.110	104	310029	5.719	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.775	83	92974	5.523	ug/L	94
59) Bromoform	10.286	173	47566	5.502	ug/L	99
60) Isopropylbenzene	10.479	105	496376	5.546	ug/L	100
61) 1,2,3-Trichloropropane	10.817	75	63804	5.358	ug/L	98
62) 1,3,5-Trimethylbenzene	11.084	105	407913	5.551	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	404112	5.571	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	229009	5.625	ug/L	97
65) 1,4-Dichlorobenzene	11.833	146	222386	5.445	ug/L	97
67) 1,2-Dichlorobenzene	12.206	146	207371	5.552	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.991	75	11537	4.536	ug/L	93
69) 1,3,5-Trichlorobenzene	13.212	180	166579	5.434	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	127807	5.119	ug/L	100
71) Naphthalene	14.081	128	183338	4.860	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	109800	5.339	ug/L	95

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

