

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031424\
 Data File : VU058092.D
 Acq On : 14 Mar 2024 10:44
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005153

Quant Time: Mar 15 01:19:38 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR022924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Mar 14 04:37:22 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	137477	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	129704	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	62547	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	56342	5.696	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	= 114.000%	
7) Chloroethane-d5	1.904	69	47290	5.817	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	= 116.400%	
11) 1,1-Dichloroethene-d2	2.560	65	25164	5.879	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	= 117.600%	
20) 2-Butanone-d5	4.611	46	92978	57.050	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	= 114.100%	
24) Chloroform-d	5.052	84	107510	5.747	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 115.000%	
26) 1,2-Dichloroethane-d4	5.695	65	48869	5.765	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 115.400%	
32) Benzene-d6	5.717	84	215362	5.698	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 114.000%	
36) 1,2-Dichloropropane-d6	6.682	67	64886	5.647	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	= 113.000%	
41) Toluene-d8	7.891	98	194075	5.667	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 113.400%	
43) trans-1,3-Dichloroprop...	8.174	79	20375	5.156	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	= 103.200%	
46) 2-Hexanone-d5	8.627	63	77283	58.253	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	= 116.500%	
56) 1,1,2,2-Tetrachloroeth...	10.749	84	39591	5.619	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	= 112.400%	
66) 1,2-Dichlorobenzene-d4	12.187	152	56950	5.529	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	= 110.600%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.377	85	40889	4.909	ug/L	99
3) Chloromethane	1.515	50	45059	4.626	ug/L	100
5) Vinyl chloride	1.599	62	50480	4.818	ug/L	96
6) Bromomethane	1.849	94	27226	4.934	ug/L	99
8) Chloroethane	1.927	64	33771	5.119	ug/L	99
9) Trichlorofluoromethane	2.132	101	77045	5.162	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	50290	5.389	ug/L	98
12) 1,1-Dichloroethene	2.573	96	43041	5.189	ug/L	94
13) Acetone	2.615	43	62453	51.493	ug/L	99
14) Carbon disulfide	2.785	76	118983	4.639	ug/L	99
15) Methyl Acetate	2.943	43	14108	5.242	ug/L	95
16) Methylene chloride	3.033	84	50431	5.002	ug/L	99
17) Methyl tert-butyl Ether	3.351	73	100604	5.129	ug/L	99
18) trans-1,2-Dichloroethene	3.345	96	46542	5.151	ug/L	93
19) 1,1-Dichloroethane	3.859	63	97988	5.437	ug/L	100
21) 2-Butanone	4.692	43	96087	50.278	ug/L	97
22) cis-1,2-Dichloroethene	4.656	96	51138	5.145	ug/L	99
23) Bromochloromethane	4.965	128	20000	5.419	ug/L	97
25) Chloroform	5.078	83	98940	5.377	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	53992	5.300	ug/L	98
29) 1,1,1-Trichloroethane	5.306	97	80424	5.210	ug/L	99
30) Cyclohexane	5.380	56	74509	4.780	ug/L	98
31) Carbon tetrachloride	5.518	117	70213	5.234	ug/L	98
33) Benzene	5.766	78	211018	5.302	ug/L	100
34) Trichloroethene	6.534	95	55338	5.284	ug/L	97
35) Methylcyclohexane	6.756	83	79667	4.963	ug/L	99
37) 1,2-Dichloropropane	6.782	63	55638	5.421	ug/L	98
38) Bromodichloromethane	7.100	83	66000	5.300	ug/L	98
39) cis-1,3-Dichloropropene	7.602	75	74041	5.236	ug/L	100
40) 4-Methyl-2-pentanone	7.782	43	252753	53.535	ug/L	99
42) Toluene	7.962	91	216116	5.214	ug/L	98
44) trans-1,3-Dichloropropene	8.206	75	57287	5.084	ug/L	99
45) 1,1,2-Trichloroethane	8.393	97	33348	5.480	ug/L	99
47) Tetrachloroethene	8.547	164	37974	5.227	ug/L	97
48) 2-Hexanone	8.675	43	173041	49.978	ug/L	97
49) Dibromochloromethane	8.801	129	39239	5.447	ug/L	97
50) 1,2-Dibromoethane	8.920	107	29143	5.396	ug/L	98
51) Chlorobenzene	9.441	112	136529	5.253	ug/L	97
52) Ethylbenzene	9.563	91	241091	5.198	ug/L	99
53) m,p-Xylene	9.688	106	87654	5.289	ug/L	97
54) o-Xylene	10.093	106	84546	5.119	ug/L	96
55) Styrene	10.110	104	136400	5.262	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.775	83	39188	5.466	ug/L	99
59) Bromoform	10.286	173	18985	5.442	ug/L	99
60) Isopropylbenzene	10.479	105	220608	5.296	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	27955	5.456	ug/L	98
62) 1,3,5-Trimethylbenzene	11.084	105	183733	5.230	ug/L	100
63) 1,2,4-Trimethylbenzene	11.463	105	186027	5.365	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	101151	5.342	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	97158	5.242	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	90363	5.466	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.994	75	5680	5.588	ug/L	91
69) 1,3,5-Trichlorobenzene	13.216	180	72422	5.317	ug/L	100
70) 1,2,4-trichlorobenzene	13.836	180	52129	5.094	ug/L	98
71) Naphthalene	14.084	128	60933	4.360	ug/L	98
72) 1,2,3-Trichlorobenzene	14.325	180	40659	5.030	ug/L	97

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

