

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051524\
 Data File : VU058896.D
 Acq On : 15 May 2024 11:01
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005104

Quant Time: May 16 01:49:36 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR051424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed May 15 00:49:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	151370	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	156058	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	77661	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	42520	4.637	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.800%
7) Chloroethane-d5	1.911	69	40776	4.920	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.400%
11) 1,1-Dichloroethene-d2	2.567	65	17833	4.772	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.400%
20) 2-Butanone-d5	4.637	46	141716	59.447	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	118.900%
24) Chloroform-d	5.055	84	98950	5.344	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.800%
26) 1,2-Dichloroethane-d4	5.698	65	50859	5.344	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.800%
32) Benzene-d6	5.721	84	182346	5.090	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.800%
36) 1,2-Dichloropropane-d6	6.682	67	59638	4.997	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.000%
41) Toluene-d8	7.894	98	160587	4.925	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.600%
43) trans-1,3-Dichloroprop...	8.177	79	20907	5.104	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	102.000%
46) 2-Hexanone-d5	8.627	63	109377	55.643	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	111.280%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	54947	5.330	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	59401	5.086	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	58758	5.306	ug/L	99
3) Chloromethane	1.518	50	69664	5.402	ug/L	99
5) Vinyl chloride	1.602	62	74203	5.371	ug/L	100
6) Bromomethane	1.856	94	43926	5.104	ug/L	95
8) Chloroethane	1.933	64	45612	5.195	ug/L	100
9) Trichlorofluoromethane	2.139	101	92059	5.195	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.579	101	55040	5.126	ug/L	98
12) 1,1-Dichloroethene	2.576	96	51664	5.479	ug/L	100
13) Acetone	2.653	43	87309	52.989	ug/L	99
14) Carbon disulfide	2.792	76	152120	5.091	ug/L	100
15) Methyl Acetate	2.956	43	24439	5.968	ug/L	94
16) Methylene chloride	3.039	84	75877	5.931	ug/L	100
17) Methyl tert-butyl Ether	3.354	73	133576	5.449	ug/L	100
18) trans-1,2-Dichloroethene	3.351	96	53806	5.419	ug/L	98
19) 1,1-Dichloroethane	3.862	63	116434	5.610	ug/L	98
21) 2-Butanone	4.714	43	148540	56.208	ug/L	96
22) cis-1,2-Dichloroethene	4.660	96	60775	5.316	ug/L	97
23) Bromochloromethane	4.972	128	27071	5.362	ug/L	92
25) Chloroform	5.081	83	116548	5.373	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	72134	5.443	ug/L	99
29) 1,1,1-Trichloroethane	5.309	97	90815	5.204	ug/L	99
30) Cyclohexane	5.383	56	82072	4.975	ug/L	99
31) Carbon tetrachloride	5.518	117	76121	5.230	ug/L	99
33) Benzene	5.769	78	246272	5.369	ug/L	100
34) Trichloroethene	6.538	95	63757	5.254	ug/L	97
35) Methylcyclohexane	6.756	83	87038	5.028	ug/L	98
37) 1,2-Dichloropropane	6.785	63	67965	5.220	ug/L	99
38) Bromodichloromethane	7.100	83	81648	5.231	ug/L	92
39) cis-1,3-Dichloropropene	7.602	75	83430	4.701	ug/L	98
40) 4-Methyl-2-pentanone	7.785	43	373829	55.546	ug/L	100
42) Toluene	7.965	91	261930	5.475	ug/L	98
44) trans-1,3-Dichloropropene	8.206	75	71089	4.910	ug/L	98
45) 1,1,2-Trichloroethane	8.393	97	48841	5.332	ug/L	99
47) Tetrachloroethene	8.547	164	45233	5.233	ug/L	96
48) 2-Hexanone	8.679	43	272075	56.099	ug/L	99
49) Dibromochloromethane	8.804	129	52290	5.413	ug/L	98
50) 1,2-Dibromoethane	8.917	107	43121	5.327	ug/L #	98
51) Chlorobenzene	9.441	112	160724	5.272	ug/L	97
52) Ethylbenzene	9.566	91	269197	5.211	ug/L	98
53) m,p-Xylene	9.689	106	98554	5.213	ug/L	97
54) o-Xylene	10.094	106	97681	5.283	ug/L	99
55) Styrene	10.110	104	169120	5.437	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.775	83	62092	5.347	ug/L	99
59) Bromoform	10.283	173	29997	5.286	ug/L	99
60) Isopropylbenzene	10.480	105	265152	5.333	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	42576	5.324	ug/L	98
62) 1,3,5-Trimethylbenzene	11.084	105	207256	5.230	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	208998	5.319	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	126782	5.241	ug/L	98
65) 1,4-Dichlorobenzene	11.830	146	126836	5.253	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	121092	5.356	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.991	75	9031	5.614	ug/L	94
69) 1,3,5-Trichlorobenzene	13.213	180	91240	5.030	ug/L	98
70) 1,2,4-trichlorobenzene	13.833	180	74763	4.995	ug/L	99
71) Naphthalene	14.084	128	109528	4.855	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	68349	5.203	ug/L	98

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

