

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070324\
 Data File : VU059797.D
 Acq On : 03 Jul 2024 14:54
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 78 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005134

Quant Time: Jul 04 00:59:33 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jul 03 06:10:28 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	155423	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	159520	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	84778	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	56947	5.269	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	105.400%
7) Chloroethane-d5	1.908	69	47555	4.573	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.400%
11) 1,1-Dichloroethene-d2	2.560	65	20246	4.515	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.400%
20) 2-Butanone-d5	4.621	46	106175	47.694	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.380%
24) Chloroform-d	5.055	84	103578	4.669	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.400%
26) 1,2-Dichloroethane-d4	5.692	65	48653	4.553	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.000%
32) Benzene-d6	5.721	84	202287	4.608	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.200%
36) 1,2-Dichloropropane-d6	6.685	67	63010	4.684	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.600%
41) Toluene-d8	7.891	98	194004	4.753	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.000%
43) trans-1,3-Dichloroprop...	8.174	79	22200	5.270	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	105.400%
46) 2-Hexanone-d5	8.628	63	91929	52.522	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.040%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	52143	4.691	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	69975	4.637	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	62653	4.757	ug/L	98
3) Chloromethane	1.515	50	72508	5.115	ug/L	99
5) Vinyl chloride	1.599	62	81296	5.192	ug/L	100
6) Bromomethane	1.853	94	47995	4.408	ug/L	91
8) Chloroethane	1.927	64	51496	5.458	ug/L	98
9) Trichlorofluoromethane	2.133	101	99043	5.255	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	61613	5.164	ug/L	94
12) 1,1-Dichloroethene	2.573	96	56957	5.167	ug/L	84
13) Acetone	2.631	43	72325	50.084	ug/L	93
14) Carbon disulfide	2.785	76	178888	4.864	ug/L	99
15) Methyl Acetate	2.946	43	19753	5.183	ug/L	91
16) Methylene chloride	3.036	84	67531	5.170	ug/L	91
17) Methyl tert-butyl Ether	3.354	73	124998	5.262	ug/L	98
18) trans-1,2-Dichloroethene	3.345	96	60131	5.245	ug/L	89
19) 1,1-Dichloroethane	3.856	63	111863	5.292	ug/L	99
21) 2-Butanone	4.698	43	120407	51.984	ug/L	90
22) cis-1,2-Dichloroethene	4.657	96	67550	5.346	ug/L	94
23) Bromochloromethane	4.965	128	31904	5.538	ug/L	86
25) Chloroform	5.078	83	117421	5.274	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	70831	5.249	ug/L	95
29) 1,1,1-Trichloroethane	5.309	97	95194	5.168	ug/L	98
30) Cyclohexane	5.380	56	80462	4.947	ug/L	93
31) Carbon tetrachloride	5.515	117	79801	5.174	ug/L	99
33) Benzene	5.766	78	259499	5.357	ug/L	100
34) Trichloroethene	6.534	95	67759	5.165	ug/L	98
35) Methylcyclohexane	6.756	83	91304	4.891	ug/L	96
37) 1,2-Dichloropropane	6.782	63	68538	5.467	ug/L #	98
38) Bromodichloromethane	7.097	83	83937	5.364	ug/L	98
39) cis-1,3-Dichloropropene	7.602	75	89011	5.192	ug/L	98
40) 4-Methyl-2-pentanone	7.782	43	307427	52.924	ug/L #	95
42) Toluene	7.962	91	282259	5.504	ug/L	99
44) trans-1,3-Dichloropropene	8.203	75	72962	5.302	ug/L	100
45) 1,1,2-Trichloroethane	8.393	97	52168	5.647	ug/L	97
47) Tetrachloroethene	8.547	164	54495	5.353	ug/L	96
48) 2-Hexanone	8.676	43	218366	52.673	ug/L #	91
49) Dibromochloromethane	8.801	129	54306	5.307	ug/L	98
50) 1,2-Dibromoethane	8.917	107	46853	5.492	ug/L	100
51) Chlorobenzene	9.441	112	172472	5.302	ug/L	97
52) Ethylbenzene	9.563	91	277561	5.276	ug/L	97
53) m,p-Xylene	9.689	106	110401	5.464	ug/L	96
54) o-Xylene	10.094	106	102999	5.371	ug/L	98
55) Styrene	10.110	104	184734	5.659	ug/L	94
57) 1,1,2,2-Tetrachloroethane	10.775	83	60749	5.421	ug/L	98
59) Bromoform	10.283	173	33672	5.190	ug/L	98
60) Isopropylbenzene	10.480	105	273528	5.223	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	40905	5.221	ug/L	96
62) 1,3,5-Trimethylbenzene	11.084	105	203736	4.911	ug/L	98
63) 1,2,4-Trimethylbenzene	11.463	105	201433	5.078	ug/L	98
64) 1,3-Dichlorobenzene	11.740	146	140918	5.290	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	140407	5.121	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	131258	5.236	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.991	75	8177	5.351	ug/L	90
69) 1,3,5-Trichlorobenzene	13.213	180	98791	5.010	ug/L	97
70) 1,2,4-trichlorobenzene	13.833	180	76823	5.079	ug/L	97
71) Naphthalene	14.084	128	102244	4.723	ug/L	98
72) 1,2,3-Trichlorobenzene	14.325	180	71730	5.107	ug/L	98

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

