

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072424\
 Data File : VU060167.D
 Acq On : 24 Jul 2024 20:38
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005157

Quant Time: Jul 25 05:17:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jul 25 05:11:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	145461	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	153421	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	78640	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	46294	4.574	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.400%
7) Chloroethane-d5	1.911	69	42944	4.567	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.400%
11) 1,1-Dichloroethene-d2	2.560	65	18429	4.664	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.200%
20) 2-Butanone-d5	4.631	46	121936	51.534	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.060%
24) Chloroform-d	5.055	84	93425	4.392	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.800%
26) 1,2-Dichloroethane-d4	5.695	65	45143	4.558	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.200%
32) Benzene-d6	5.721	84	185403	4.510	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.200%
36) 1,2-Dichloropropane-d6	6.685	67	60591	4.626	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.600%
41) Toluene-d8	7.891	98	170042	4.578	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.600%
43) trans-1,3-Dichloroprop...	8.177	79	19507	4.375	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.600%
46) 2-Hexanone-d5	8.627	63	95546	48.291	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.580%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	52609	4.513	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	60847	4.287	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	45593	4.145	ug/L	98
3) Chloromethane	1.518	50	58954	4.438	ug/L	100
5) Vinyl chloride	1.599	62	64812	4.352	ug/L	98
6) Bromomethane	1.853	94	39954	4.121	ug/L	93
8) Chloroethane	1.930	64	43023	4.422	ug/L	99
9) Trichlorofluoromethane	2.132	101	79015	4.207	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	52791	4.307	ug/L	95
12) 1,1-Dichloroethene	2.576	96	45749	4.120	ug/L	86
13) Acetone	2.644	43	83767	53.518	ug/L	95
14) Carbon disulfide	2.788	76	131022	4.053	ug/L	98
15) Methyl Acetate	2.952	43	21605	5.612	ug/L	99
16) Methylene chloride	3.039	84	60126	4.417	ug/L	94
17) Methyl tert-butyl Ether	3.357	73	120040	4.741	ug/L	98
18) trans-1,2-Dichloroethene	3.348	96	49185	4.259	ug/L	94
19) 1,1-Dichloroethane	3.862	63	104821	4.780	ug/L	99
21) 2-Butanone	4.708	43	140197	56.582	ug/L	96
22) cis-1,2-Dichloroethene	4.660	96	59137	4.572	ug/L	96
23) Bromochloromethane	4.965	128	26818	4.266	ug/L	86
25) Chloroform	5.078	83	107869	4.473	ug/L	98

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27) 1,2-Dichloroethane	5.788	62	63243	4.588	ug/L	99
29) 1,1,1-Trichloroethane	5.309	97	85901	4.483	ug/L	98
30) Cyclohexane	5.380	56	71493	4.717	ug/L	91
31) Carbon tetrachloride	5.518	117	68500	4.143	ug/L	98
33) Benzene	5.769	78	230822	4.554	ug/L	100
34) Trichloroethene	6.537	95	59869	4.454	ug/L	91
35) Methylcyclohexane	6.759	83	74067	4.203	ug/L	95
37) 1,2-Dichloropropane	6.785	63	63990	4.674	ug/L	99
38) Bromodichloromethane	7.100	83	76356	4.451	ug/L	99
39) cis-1,3-Dichloropropene	7.602	75	81767	4.570	ug/L	99
40) 4-Methyl-2-pentanone	7.785	43	345144	56.965	ug/L	97
42) Toluene	7.962	91	248171	4.601	ug/L	99
44) trans-1,3-Dichloropropene	8.206	75	70584	4.722	ug/L	98
45) 1,1,2-Trichloroethane	8.393	97	46833	4.476	ug/L	97
47) Tetrachloroethene	8.547	164	43284	3.894	ug/L	95
48) 2-Hexanone	8.679	43	260030	58.615	ug/L	95
49) Dibromochloromethane	8.804	129	51167	4.421	ug/L	95
50) 1,2-Dibromoethane	8.917	107	42597	4.503	ug/L	99
51) Chlorobenzene	9.441	112	151696	4.305	ug/L	96
52) Ethylbenzene	9.566	91	243743	4.531	ug/L	100
53) m,p-Xylene	9.688	106	94653	4.555	ug/L	99
54) o-Xylene	10.097	106	89481	4.503	ug/L	91
55) Styrene	10.110	104	160958	4.759	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.775	83	60663	4.739	ug/L	99
59) Bromoform	10.283	173	30515	4.270	ug/L	97
60) Isopropylbenzene	10.479	105	238482	4.636	ug/L	97
61) 1,2,3-Trichloropropane	10.817	75	41381	4.991	ug/L	96
62) 1,3,5-Trimethylbenzene	11.084	105	178432	4.540	ug/L	98
63) 1,2,4-Trimethylbenzene	11.463	105	176465	4.647	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	121066	4.374	ug/L	98
65) 1,4-Dichlorobenzene	11.830	146	116472	4.134	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	112957	4.264	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.991	75	8458	5.234	ug/L #	82
69) 1,3,5-Trichlorobenzene	13.212	180	83986	4.021	ug/L	97
70) 1,2,4-trichlorobenzene	13.836	180	64362	4.048	ug/L	99
71) Naphthalene	14.084	128	93552	4.153	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	59627	4.170	ug/L	98

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

