

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\U092424\
 Data File : VU060994.D
 Acq On : 24 Sep 2024 15:02
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005090

Quant Time: Sep 25 04:48:25 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 25 04:46:41 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	131090	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	136007	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	69973	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	50715	4.301	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.000%
7) Chloroethane-d5	1.911	69	41168	4.904	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.000%
11) 1,1-Dichloroethene-d2	2.560	65	18979	4.542	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.800%
20) 2-Butanone-d5	4.634	46	101689	53.723	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.440%
24) Chloroform-d	5.055	84	90127	5.000	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.000%
26) 1,2-Dichloroethane-d4	5.695	65	42907	4.980	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.600%
32) Benzene-d6	5.721	84	171151	4.695	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.000%
36) 1,2-Dichloropropane-d6	6.682	67	55127	4.888	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.800%
41) Toluene-d8	7.891	98	156322	4.704	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.000%
43) trans-1,3-Dichloroprop...	8.174	79	20240	4.985	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.800%
46) 2-Hexanone-d5	8.627	63	84326	52.654	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.300%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	44959	5.088	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	53844	4.579	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	52006	5.256	ug/L	98
3) Chloromethane	1.518	50	56694	5.424	ug/L	100
5) Vinyl chloride	1.602	62	61738	5.457	ug/L	98
6) Bromomethane	1.856	94	33375	4.616	ug/L	97
8) Chloroethane	1.930	64	40972	5.928	ug/L	100
9) Trichlorofluoromethane	2.133	101	90959	5.854	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	51623	5.717	ug/L	99
12) 1,1-Dichloroethene	2.573	96	45551	5.524	ug/L	92
13) Acetone	2.653	43	76955	60.940	ug/L	94
14) Carbon disulfide	2.788	76	118864	5.196	ug/L	99
15) Methyl Acetate	2.956	43	18604	6.043	ug/L	96
16) Methylene chloride	3.039	84	58589	6.135	ug/L	98
17) Methyl tert-butyl Ether	3.358	73	104620	5.614	ug/L	98
18) trans-1,2-Dichloroethene	3.348	96	44146	5.167	ug/L	94
19) 1,1-Dichloroethane	3.862	63	96275	5.612	ug/L	96
21) 2-Butanone	4.711	43	115893	56.378	ug/L	99
22) cis-1,2-Dichloroethene	4.660	96	50106	5.299	ug/L	99
23) Bromochloromethane	4.968	128	23658	5.297	ug/L	96
25) Chloroform	5.078	83	101807	5.691	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	56394	5.441	ug/L	97
29) 1,1,1-Trichloroethane	5.306	97	84834	5.778	ug/L	100
30) Cyclohexane	5.380	56	62072	5.143	ug/L	99
31) Carbon tetrachloride	5.515	117	74991	5.769	ug/L	98
33) Benzene	5.766	78	206910	5.533	ug/L	100
34) Trichloroethene	6.537	95	53721	5.480	ug/L	97
35) Methylcyclohexane	6.756	83	70263	5.224	ug/L	98
37) 1,2-Dichloropropane	6.782	63	59636	5.787	ug/L #	96
38) Bromodichloromethane	7.097	83	71798	5.680	ug/L	98
39) cis-1,3-Dichloropropene	7.602	75	76339	5.570	ug/L	96
40) 4-Methyl-2-pentanone	7.785	43	276723	57.506	ug/L	99
42) Toluene	7.962	91	220178	5.631	ug/L	100
44) trans-1,3-Dichloropropene	8.206	75	63343	5.620	ug/L	97
45) 1,1,2-Trichloroethane	8.393	97	41238	5.543	ug/L	98
47) Tetrachloroethene	8.547	164	41264	5.297	ug/L	96
48) 2-Hexanone	8.679	43	211514	60.302	ug/L	99
49) Dibromochloromethane	8.801	129	46683	5.512	ug/L	94
50) 1,2-Dibromoethane	8.917	107	36954	5.566	ug/L #	99
51) Chlorobenzene	9.441	112	142523	5.428	ug/L	100
52) Ethylbenzene	9.563	91	227508	5.527	ug/L	98
53) m,p-Xylene	9.688	106	88541	5.673	ug/L	96
54) o-Xylene	10.094	106	84624	5.494	ug/L	97
55) Styrene	10.110	104	143766	5.538	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.775	83	51210	5.519	ug/L	95
59) Bromoform	10.283	173	27139	5.146	ug/L	98
60) Isopropylbenzene	10.479	105	220555	5.319	ug/L	99
61) 1,2,3-Trichloropropane	10.814	75	34258	5.249	ug/L	98
62) 1,3,5-Trimethylbenzene	11.081	105	167138	5.186	ug/L	100
63) 1,2,4-Trimethylbenzene	11.460	105	166322	5.223	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	112910	5.415	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	108034	5.013	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	100359	5.090	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.991	75	7302	5.730	ug/L	86
69) 1,3,5-Trichlorobenzene	13.212	180	74861	4.800	ug/L	95
70) 1,2,4-trichlorobenzene	13.836	180	52597	4.787	ug/L	98
71) Naphthalene	14.084	128	64463	4.449	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	44197	4.656	ug/L	96

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

