

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091624\
 Data File : VU060779.D
 Acq On : 16 Sep 2024 13:38
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005193

Quant Time: Sep 17 01:41:55 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Sep 17 01:33:09 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.241	114	177031	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	178450	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	89551	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	71678	4.502	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.000%
7) Chloroethane-d5	1.910	69	52509	4.632	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.600%
11) 1,1-Dichloroethene-d2	2.560	65	27548	4.881	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.600%
20) 2-Butanone-d5	4.634	46	128170	50.141	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.280%
24) Chloroform-d	5.055	84	116283	4.777	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.600%
26) 1,2-Dichloroethane-d4	5.695	65	54708	4.702	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.000%
32) Benzene-d6	5.721	84	236557	4.946	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.000%
36) 1,2-Dichloropropane-d6	6.682	67	74531	5.036	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.800%
41) Toluene-d8	7.891	98	217712	4.993	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.800%
43) trans-1,3-Dichloroprop...	8.174	79	27437	5.151	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	103.000%
46) 2-Hexanone-d5	8.627	63	113115	53.832	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.660%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	59032	5.092	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.800%
66) 1,2-Dichlorobenzene-d4	12.183	152	74953	4.981	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	66019	4.940	ug/L	97
3) Chloromethane	1.518	50	69400	4.916	ug/L	96
5) Vinyl chloride	1.602	62	76862	5.031	ug/L	95
6) Bromomethane	1.856	94	47700	4.885	ug/L	97
8) Chloroethane	1.930	64	44785	4.798	ug/L	98
9) Trichlorofluoromethane	2.136	101	100983	4.812	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	60872	4.992	ug/L	99
12) 1,1-Dichloroethene	2.576	96	55648	4.997	ug/L	86
13) Acetone	2.650	43	88473	51.879	ug/L	99
14) Carbon disulfide	2.788	76	152398	4.933	ug/L	99
15) Methyl Acetate	2.955	43	22075	5.309	ug/L	97
16) Methylene chloride	3.039	84	67328	5.221	ug/L	95
17) Methyl tert-butyl Ether	3.357	73	129069	5.128	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	56395	4.888	ug/L	98
19) 1,1-Dichloroethane	3.859	63	113942	4.918	ug/L	98
21) 2-Butanone	4.711	43	135623	48.854	ug/L	98
22) cis-1,2-Dichloroethene	4.660	96	64969	5.087	ug/L	97
23) Bromochloromethane	4.968	128	30049	4.982	ug/L	94
25) Chloroform	5.078	83	118813	4.918	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	68751	4.911	ug/L	97
29) 1,1,1-Trichloroethane	5.306	97	98116	5.093	ug/L	99
30) Cyclohexane	5.380	56	83112	5.249	ug/L	99
31) Carbon tetrachloride	5.518	117	84475	4.953	ug/L	96
33) Benzene	5.766	78	256277	5.223	ug/L	100
34) Trichloroethene	6.534	95	65176	5.067	ug/L	98
35) Methylcyclohexane	6.756	83	92137	5.221	ug/L	98
37) 1,2-Dichloropropane	6.782	63	69699	5.155	ug/L #	97
38) Bromodichloromethane	7.097	83	82951	5.002	ug/L	98
39) cis-1,3-Dichloropropene	7.598	75	92812	5.161	ug/L	99
40) 4-Methyl-2-pentanone	7.782	43	343679	54.433	ug/L	100
42) Toluene	7.962	91	278933	5.437	ug/L	98
44) trans-1,3-Dichloropropene	8.203	75	80096	5.416	ug/L	97
45) 1,1,2-Trichloroethane	8.393	97	50756	5.200	ug/L	98
47) Tetrachloroethene	8.547	164	51323	5.021	ug/L	98
48) 2-Hexanone	8.679	43	257838	56.026	ug/L	99
49) Dibromochloromethane	8.801	129	58231	5.240	ug/L	93
50) 1,2-Dibromoethane	8.917	107	45586	5.233	ug/L	99
51) Chlorobenzene	9.438	112	180672	5.244	ug/L	99
52) Ethylbenzene	9.563	91	287567	5.324	ug/L	99
53) m,p-Xylene	9.688	106	111606	5.450	ug/L	98
54) o-Xylene	10.093	106	107426	5.316	ug/L	100
55) Styrene	10.106	104	188244	5.526	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.772	83	60944	5.006	ug/L	96
59) Bromoform	10.283	173	35345	5.237	ug/L	98
60) Isopropylbenzene	10.476	105	286983	5.408	ug/L	99
61) 1,2,3-Trichloropropane	10.814	75	43147	5.166	ug/L	100
62) 1,3,5-Trimethylbenzene	11.081	105	216937	5.260	ug/L	97
63) 1,2,4-Trimethylbenzene	11.460	105	221825	5.443	ug/L	99
64) 1,3-Dichlorobenzene	11.736	146	142647	5.346	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	140534	5.095	ug/L	99
67) 1,2-Dichlorobenzene	12.203	146	130199	5.160	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.987	75	8686	5.326	ug/L	87
69) 1,3,5-Trichlorobenzene	13.212	180	104524	5.236	ug/L	98
70) 1,2,4-trichlorobenzene	13.833	180	79865	5.680	ug/L	97
71) Naphthalene	14.080	128	106939	5.766	ug/L	98
72) 1,2,3-Trichlorobenzene	14.322	180	71041	5.848	ug/L	100

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

