

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\U081424\
 Data File : VU060440.D
 Acq On : 14 Aug 2024 09:01
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005170

Quant Time: Aug 14 17:15:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080824WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Aug 14 01:18:59 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	92264	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	96151	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	50708	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	33367	4.607	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.200%
7) Chloroethane-d5	1.911	69	29544	4.524	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.400%
11) 1,1-Dichloroethene-d2	2.560	65	14631	4.747	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.000%
20) 2-Butanone-d5	4.631	46	76365	49.685	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.360%
24) Chloroform-d	5.055	84	72085	5.027	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.600%
26) 1,2-Dichloroethane-d4	5.695	65	34426	5.177	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.600%
32) Benzene-d6	5.721	84	137703	4.749	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.000%
36) 1,2-Dichloropropane-d6	6.682	67	42785	4.757	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.200%
41) Toluene-d8	7.891	98	135749	5.244	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.800%
43) trans-1,3-Dichloroprop...	8.174	79	16229	5.581	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	111.600%
46) 2-Hexanone-d5	8.627	63	62850	48.705	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.400%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	35947	4.871	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	46954	5.027	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	28238	5.673	ug/L	99
3) Chloromethane	1.518	50	28466	4.598	ug/L	96
5) Vinyl chloride	1.602	62	35332	4.875	ug/L	98
6) Bromomethane	1.856	94	24636	4.800	ug/L	97
8) Chloroethane	1.930	64	23617	4.804	ug/L	97
9) Trichlorofluoromethane	2.132	101	58278	5.735	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	35183	5.254	ug/L	99
12) 1,1-Dichloroethene	2.573	96	30035	4.937	ug/L	98
13) Acetone	2.640	43	57642	54.920	ug/L	97
14) Carbon disulfide	2.788	76	68626	4.471	ug/L	99
15) Methyl Acetate	2.956	43	12603	5.795	ug/L	98
16) Methylene chloride	3.039	84	38487	4.450	ug/L	95
17) Methyl tert-butyl Ether	3.357	73	74992	5.229	ug/L	97
18) trans-1,2-Dichloroethene	3.348	96	29200	4.893	ug/L	96
19) 1,1-Dichloroethane	3.862	63	65753	5.336	ug/L	99
21) 2-Butanone	4.711	43	84500	54.017	ug/L	94
22) cis-1,2-Dichloroethene	4.660	96	36280	5.036	ug/L	96
23) Bromochloromethane	4.968	128	17559	5.281	ug/L	96
25) Chloroform	5.081	83	71458	5.331	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	42319	5.936	ug/L	96
29) 1,1,1-Trichloroethane	5.306	97	58175	5.527	ug/L	99
30) Cyclohexane	5.383	56	40263	4.725	ug/L	95
31) Carbon tetrachloride	5.518	117	52219	5.661	ug/L	98
33) Benzene	5.766	78	143473	5.183	ug/L	100
34) Trichloroethene	6.534	95	36409	5.024	ug/L	95
35) Methylcyclohexane	6.756	83	46026	4.864	ug/L	100
37) 1,2-Dichloropropane	6.785	63	40446	5.368	ug/L	100
38) Bromodichloromethane	7.100	83	51403	5.520	ug/L	96
39) cis-1,3-Dichloropropene	7.602	75	53958	5.273	ug/L	99
40) 4-Methyl-2-pentanone	7.785	43	200137	56.908	ug/L	98
42) Toluene	7.965	91	155590	5.319	ug/L	98
44) trans-1,3-Dichloropropene	8.206	75	45823	5.420	ug/L	93
45) 1,1,2-Trichloroethane	8.393	97	29509	5.114	ug/L	96
47) Tetrachloroethene	8.547	164	28969	5.111	ug/L	97
48) 2-Hexanone	8.679	43	154744	58.042	ug/L	98
49) Dibromochloromethane	8.801	129	34744	5.663	ug/L	99
50) 1,2-Dibromoethane	8.917	107	26626	5.184	ug/L	97
51) Chlorobenzene	9.441	112	102273	5.182	ug/L	96
52) Ethylbenzene	9.563	91	158974	5.159	ug/L	98
53) m,p-Xylene	9.688	106	61391	5.241	ug/L	97
54) o-Xylene	10.094	106	61494	5.487	ug/L	100
55) Styrene	10.110	104	107591	5.548	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.775	83	37974	5.293	ug/L	100
59) Bromoform	10.283	173	21306	5.533	ug/L	98
60) Isopropylbenzene	10.476	105	163978	5.356	ug/L	100
61) 1,2,3-Trichloropropane	10.814	75	26971	5.494	ug/L	94
62) 1,3,5-Trimethylbenzene	11.081	105	126122	5.351	ug/L	99
63) 1,2,4-Trimethylbenzene	11.460	105	124628	5.365	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	83568	5.355	ug/L	98
65) 1,4-Dichlorobenzene	11.830	146	80382	5.110	ug/L	98
67) 1,2-Dichlorobenzene	12.206	146	79179	5.374	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.991	75	5416	5.885	ug/L	92
69) 1,3,5-Trichlorobenzene	13.212	180	58174	4.933	ug/L	98
70) 1,2,4-trichlorobenzene	13.833	180	45761	4.943	ug/L	98
71) Naphthalene	14.080	128	62207	4.725	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	39410	4.751	ug/L	98

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

