

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031924\
 Data File : VU058171.D
 Acq On : 19 Mar 2024 23:25
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005160

Quant Time: Mar 20 05:25:38 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR022924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Mar 20 05:19:57 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	125554	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	121888	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	60407	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	38048	4.212	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.200%
7) Chloroethane-d5	1.911	69	34230	4.610	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.200%
11) 1,1-Dichloroethene-d2	2.563	65	17201	4.400	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.000%
20) 2-Butanone-d5	4.631	46	93674	62.936	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	125.880%
24) Chloroform-d	5.055	84	84419	4.941	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.800%
26) 1,2-Dichloroethane-d4	5.695	65	40131	5.184	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.600%
32) Benzene-d6	5.721	84	161126	4.536	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.800%
36) 1,2-Dichloropropane-d6	6.682	67	50941	4.717	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.400%
41) Toluene-d8	7.891	98	143708	4.465	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.400%
43) trans-1,3-Dichloroprop...	8.174	79	15671	4.220	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.400%
46) 2-Hexanone-d5	8.627	63	79341	63.639	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	127.280%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	34861	5.265	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	47482	4.773	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	33834	4.448	ug/L	98
3) Chloromethane	1.518	50	41109	4.621	ug/L	99
5) Vinyl chloride	1.602	62	46389	4.848	ug/L	99
6) Bromomethane	1.856	94	22446	4.454	ug/L	96
8) Chloroethane	1.930	64	30575	5.075	ug/L	95
9) Trichlorofluoromethane	2.136	101	70100	5.143	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.579	101	44823	5.260	ug/L	99
12) 1,1-Dichloroethene	2.576	96	39344	5.194	ug/L	96
13) Acetone	2.644	43	65560	59.187	ug/L	98
14) Carbon disulfide	2.788	76	96638	4.125	ug/L	100
15) Methyl Acetate	2.956	43	15355	6.247	ug/L	95
16) Methylene chloride	3.039	84	48848	5.305	ug/L	99
17) Methyl tert-butyl Ether	3.354	73	101149	5.646	ug/L	98
18) trans-1,2-Dichloroethene	3.348	96	41658	5.048	ug/L	96
19) 1,1-Dichloroethane	3.862	63	91737	5.573	ug/L	98
21) 2-Butanone	4.708	43	104141	59.668	ug/L	96
22) cis-1,2-Dichloroethene	4.660	96	50728	5.588	ug/L	98
23) Bromochloromethane	4.965	128	19547	5.799	ug/L	96
25) Chloroform	5.078	83	94762	5.639	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	54928	5.904	ug/L	99
29) 1,1,1-Trichloroethane	5.309	97	76026	5.241	ug/L	99
30) Cyclohexane	5.380	56	67390	4.600	ug/L	99
31) Carbon tetrachloride	5.518	117	67576	5.360	ug/L	100
33) Benzene	5.769	78	192351	5.143	ug/L	100
34) Trichloroethene	6.534	95	62228	6.323	ug/L	98
35) Methylcyclohexane	6.756	83	68452	4.538	ug/L	100
37) 1,2-Dichloropropane	6.782	63	52328	5.426	ug/L	98
38) Bromodichloromethane	7.097	83	64500	5.512	ug/L	97
39) cis-1,3-Dichloropropene	7.602	75	67819	5.104	ug/L	96
40) 4-Methyl-2-pentanone	7.782	43	278261	62.717	ug/L	99
42) Toluene	7.962	91	205292	5.271	ug/L	99
44) trans-1,3-Dichloropropene	8.203	75	55838	5.273	ug/L	96
45) 1,1,2-Trichloroethane	8.393	97	34191	5.979	ug/L	96
47) Tetrachloroethene	8.547	164	34149	5.002	ug/L	97
48) 2-Hexanone	8.679	43	204909	62.977	ug/L	99
49) Dibromochloromethane	8.801	129	38293	5.657	ug/L	99
50) 1,2-Dibromoethane	8.917	107	29010	5.716	ug/L	91
51) Chlorobenzene	9.441	112	129624	5.307	ug/L	99
52) Ethylbenzene	9.563	91	227239	5.213	ug/L	99
53) m,p-Xylene	9.688	106	81515	5.234	ug/L	97
54) o-Xylene	10.094	106	80994	5.218	ug/L	99
55) Styrene	10.106	104	134785	5.533	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.775	83	39940	5.929	ug/L	98
59) Bromoform	10.286	173	18871	5.601	ug/L	96
60) Isopropylbenzene	10.476	105	212630	5.285	ug/L	100
61) 1,2,3-Trichloropropane	10.814	75	29655	5.993	ug/L	98
62) 1,3,5-Trimethylbenzene	11.081	105	176055	5.189	ug/L	99
63) 1,2,4-Trimethylbenzene	11.460	105	176193	5.261	ug/L	100
64) 1,3-Dichlorobenzene	11.740	146	100556	5.499	ug/L	98
65) 1,4-Dichlorobenzene	11.830	146	96539	5.394	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	90789	5.687	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.991	75	6309	6.426	ug/L	92
69) 1,3,5-Trichlorobenzene	13.212	180	71151	5.409	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	56579	5.725	ug/L	97
71) Naphthalene	14.084	128	83417	6.180	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	47899	6.135	ug/L	97

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

