

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041024\
 Data File : VU058547.D
 Acq On : 10 Apr 2024 09:32
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005191

Quant Time: Apr 11 01:24:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Apr 10 02:08:42 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	65175	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	62927	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	30144	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	22094	5.120	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	102.400%
7) Chloroethane-d5	1.904	69	19743	5.265	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.200%
11) 1,1-Dichloroethene-d2	2.557	65	9554	4.892	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.800%
20) 2-Butanone-d5	4.634	46	39326	43.247	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.500%
24) Chloroform-d	5.052	84	43150	5.009	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.200%
26) 1,2-Dichloroethane-d4	5.695	65	19327	4.808	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.200%
32) Benzene-d6	5.718	84	84151	4.967	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.400%
36) 1,2-Dichloropropane-d6	6.682	67	25208	4.745	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.800%
41) Toluene-d8	7.891	98	74104	4.932	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.600%
43) trans-1,3-Dichloroprop...	8.177	79	6883	4.174	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.400%
46) 2-Hexanone-d5	8.631	63	28560	41.986	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.980%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	15819	4.218	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	21267	4.189	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	83.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	29149	5.366	ug/L	97
3) Chloromethane	1.512	50	36615	5.507	ug/L	100
5) Vinyl chloride	1.599	62	36796	5.542	ug/L	98
6) Bromomethane	1.853	94	17000	5.412	ug/L	100
8) Chloroethane	1.927	64	26337	6.279	ug/L	98
9) Trichlorofluoromethane	2.129	101	53729	6.128	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.570	101	29186	5.602	ug/L	97
12) 1,1-Dichloroethene	2.570	96	26015	5.632	ug/L	95
13) Acetone	2.644	43	35977	46.354	ug/L	98
14) Carbon disulfide	2.782	76	77463	5.280	ug/L	98
15) Methyl Acetate	2.952	43	10573	5.774	ug/L	99
16) Methylene chloride	3.033	84	37772	6.162	ug/L	99
17) Methyl tert-butyl Ether	3.351	73	59634	5.466	ug/L	99
18) trans-1,2-Dichloroethene	3.345	96	27521	5.685	ug/L	98
19) 1,1-Dichloroethane	3.856	63	62348	5.901	ug/L	98
21) 2-Butanone	4.708	43	62304	53.708	ug/L	97
22) cis-1,2-Dichloroethene	4.657	96	30687	5.645	ug/L	92
23) Bromochloromethane	4.965	128	12179	5.686	ug/L	98
25) Chloroform	5.078	83	61105	5.975	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	36376	5.841	ug/L	100
29) 1,1,1-Trichloroethane	5.306	97	48235	5.717	ug/L	97
30) Cyclohexane	5.380	56	48690	5.464	ug/L	99
31) Carbon tetrachloride	5.515	117	40750	5.703	ug/L	99
33) Benzene	5.766	78	129460	5.675	ug/L	100
34) Trichloroethene	6.534	95	31665	5.507	ug/L	96
35) Methylcyclohexane	6.756	83	44916	5.185	ug/L	96
37) 1,2-Dichloropropane	6.782	63	36321	6.052	ug/L	99
38) Bromodichloromethane	7.097	83	39744	5.802	ug/L	100
39) cis-1,3-Dichloropropene	7.602	75	39226	5.140	ug/L	100
40) 4-Methyl-2-pentanone	7.785	43	158746	56.196	ug/L	98
42) Toluene	7.962	91	135078	5.646	ug/L	99
44) trans-1,3-Dichloropropene	8.206	75	31662	5.261	ug/L	98
45) 1,1,2-Trichloroethane	8.393	97	20077	5.728	ug/L	98
47) Tetrachloroethene	8.547	164	21853	5.184	ug/L	99
48) 2-Hexanone	8.679	43	109295	54.500	ug/L	98
49) Dibromochloromethane	8.801	129	22858	5.641	ug/L	99
50) 1,2-Dibromoethane	8.917	107	17734	5.532	ug/L	96
51) Chlorobenzene	9.441	112	79991	5.525	ug/L	99
52) Ethylbenzene	9.563	91	138641	5.470	ug/L	100
53) m,p-Xylene	9.688	106	50805	5.597	ug/L	99
54) o-Xylene	10.094	106	49377	5.549	ug/L	99
55) Styrene	10.110	104	80650	5.633	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.775	83	24203	5.598	ug/L	98
59) Bromoform	10.283	173	10867	5.396	ug/L	96
60) Isopropylbenzene	10.479	105	126428	5.729	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	17415	5.662	ug/L	100
62) 1,3,5-Trimethylbenzene	11.081	105	98750	5.487	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	100282	5.457	ug/L	100
64) 1,3-Dichlorobenzene	11.740	146	57599	5.373	ug/L	98
65) 1,4-Dichlorobenzene	11.830	146	54172	5.187	ug/L	98
67) 1,2-Dichlorobenzene	12.206	146	51662	5.298	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.991	75	2945	5.646	ug/L	92
69) 1,3,5-Trichlorobenzene	13.212	180	39255	4.952	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	25964	4.248	ug/L	98
71) Naphthalene	14.084	128	29061	3.469	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	21689	4.297	ug/L	99

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

