

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111623\
 Data File : VU056417.D
 Acq On : 16 Nov 2023 19:35
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005160

Quant Time: Nov 17 01:40:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 17 01:31:28 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	272464	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	266214	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	136325	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	85375	4.189	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.800%
7) Chloroethane-d5	1.904	69	68587	4.389	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.800%
11) 1,1-Dichloroethene-d2	2.560	65	38110	4.237	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.800%
20) 2-Butanone-d5	4.618	46	220539	54.271	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.540%
24) Chloroform-d	5.055	84	190258	4.827	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.600%
26) 1,2-Dichloroethane-d4	5.695	65	90893	4.990	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.800%
32) Benzene-d6	5.721	84	348388	4.392	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.800%
36) 1,2-Dichloropropane-d6	6.685	67	110282	4.613	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.200%
41) Toluene-d8	7.894	98	307154	4.385	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.800%
43) trans-1,3-Dichloroprop...	8.174	79	43037	4.694	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.800%
46) 2-Hexanone-d5	8.627	63	193874	53.811	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.620%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	85290	4.993	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.800%
66) 1,2-Dichlorobenzene-d4	12.190	152	109565	4.351	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	113355	5.251	ug/L	96
3) Chloromethane	1.515	50	119054	5.397	ug/L	96
5) Vinyl chloride	1.599	62	113705	5.349	ug/L	100
6) Bromomethane	1.850	94	52315	4.863	ug/L	98
8) Chloroethane	1.927	64	67730	5.216	ug/L	98
9) Trichlorofluoromethane	2.133	101	160128	5.228	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	99241	5.457	ug/L	99
12) 1,1-Dichloroethene	2.573	96	87849	5.267	ug/L	96
13) Acetone	2.628	43	152114	43.950	ug/L	98
14) Carbon disulfide	2.788	76	256099	4.719	ug/L	98
15) Methyl Acetate	2.946	43	34040	5.527	ug/L	98
16) Methylene chloride	3.039	84	112742	5.108	ug/L	98
17) Methyl tert-butyl Ether	3.354	73	228157	5.630	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	93692	5.460	ug/L	99
19) 1,1-Dichloroethane	3.862	63	189925	5.587	ug/L	98
21) 2-Butanone	4.698	43	226735	50.486	ug/L	98
22) cis-1,2-Dichloroethene	4.660	96	107394	5.518	ug/L	97
23) Bromochloromethane	4.968	128	44903	5.605	ug/L	98
25) Chloroform	5.081	83	203491	5.525	ug/L	97

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 VSTD005160

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	119726	5.726	ug/L	97
29) 1,1,1-Trichloroethane	5.309	97	172417	5.642	ug/L	99
30) Cyclohexane	5.380	56	142175	4.902	ug/L	99
31) Carbon tetrachloride	5.518	117	140709	5.361	ug/L	97
33) Benzene	5.769	78	408638	5.380	ug/L	100
34) Trichloroethene	6.538	95	111036	5.365	ug/L	96
35) Methylcyclohexane	6.759	83	148913	4.984	ug/L	99
37) 1,2-Dichloropropane	6.785	63	108302	5.467	ug/L	100
38) Bromodichloromethane	7.100	83	142817	5.585	ug/L	98
39) cis-1,3-Dichloropropene	7.602	75	156845	5.389	ug/L	98
40) 4-Methyl-2-pentanone	7.785	43	545862	55.590	ug/L	98
42) Toluene	7.965	91	431574	5.488	ug/L	99
44) trans-1,3-Dichloropropene	8.206	75	130309	5.616	ug/L	96
45) 1,1,2-Trichloroethane	8.393	97	74806	5.670	ug/L	99
47) Tetrachloroethene	8.550	164	76248	5.464	ug/L	98
48) 2-Hexanone	8.679	43	407845	53.315	ug/L	98
49) Dibromochloromethane	8.804	129	87286	5.818	ug/L	99
50) 1,2-Dibromoethane	8.920	107	70977	5.699	ug/L	99
51) Chlorobenzene	9.441	112	272118	5.385	ug/L	100
52) Ethylbenzene	9.566	91	474873	5.438	ug/L	100
53) m,p-Xylene	9.689	106	177918	5.542	ug/L	100
54) o-Xylene	10.097	106	173596	5.567	ug/L	98
55) Styrene	10.113	104	299750	5.779	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.775	83	93656	5.814	ug/L	97
59) Bromoform	10.287	173	49260	5.801	ug/L #	98
60) Isopropylbenzene	10.480	105	467978	5.323	ug/L	100
61) 1,2,3-Trichloropropane	10.817	75	65178	5.572	ug/L	96
62) 1,3,5-Trimethylbenzene	11.084	105	382207	5.295	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	384464	5.396	ug/L	99
64) 1,3-Dichlorobenzene	11.743	146	216863	5.423	ug/L	100
65) 1,4-Dichlorobenzene	11.833	146	213554	5.324	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	202064	5.507	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.994	75	13106	5.246	ug/L	97
69) 1,3,5-Trichlorobenzene	13.216	180	161476	5.363	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	130035	5.302	ug/L	96
71) Naphthalene	14.084	128	210126	5.671	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	116639	5.774	ug/L	97

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

