

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021023\
 Data File : VU053051.D
 Acq On : 10 Feb 2023 20:25
 Operator : JC/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005136

Quant Time: Feb 10 23:36:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR021023WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Feb 10 23:20:41 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Krupa
 Patel

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

Internal Standards						
1) 1,4-Difluorobenzene	6.244	114	126794	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	114253	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	56273	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.598	65	26859	4.422	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.400%
7) Chloroethane-d5	1.913	69	26133	4.577	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.600%
11) 1,1-Dichloroethene-d2	2.563	65	12198	4.378	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.600%
20) 2-Butanone-d5	4.643	46	98437	52.914	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.820%
24) Chloroform-d	5.058	84	65254	4.668	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.400%
26) 1,2-Dichloroethane-d4	5.698	65	32939	4.677	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.600%
32) Benzene-d6	5.723	84	117615	4.581	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.600%
36) 1,2-Dichloropropane-d6	6.688	67	41795	4.674	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.400%
41) Toluene-d8	7.894	98	102809	4.433	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.600%
43) trans-1,3-Dichloroprop...	8.177	79	16692	4.611	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.200%
46) 2-Hexanone-d5	8.630	63	82171	51.127	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.260%
56) 1,1,2,2-Tetrachloroeth...	10.752	84	37389	4.869	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.400%
66) 1,2-Dichlorobenzene-d4	12.189	152	40498	4.817	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.400%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	44600	4.791	ug/L	99
3) Chloromethane	1.518	50	47115	4.857	ug/L	98
5) Vinyl chloride	1.601	62	52307	4.895	ug/L	99
6) Bromomethane	1.859	94	31542	4.746	ug/L	95
8) Chloroethane	1.933	64	30824	4.899	ug/L	99
9) Trichlorofluoromethane	2.138	101	71767	4.875	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.579	101	39148	4.831	ug/L	99
12) 1,1-Dichloroethene	2.579	96	37084	4.944	ug/L	96
13) Acetone	2.666	43	56914m	42.620	ug/L	
14) Carbon disulfide	2.791	76	112802	4.980	ug/L	99
15) Methyl Acetate	2.958	43	14183	4.350	ug/L #	79
16) Methylene chloride	3.042	84	42315	4.876	ug/L	95
17) Methyl tert-butyl Ether	3.360	73	100795	4.949	ug/L	99
18) trans-1,2-Dichloroethene	3.350	96	38782	4.886	ug/L	96
19) 1,1-Dichloroethane	3.865	63	75033	5.019	ug/L	97
21) 2-Butanone	4.720	43	91471	46.367	ug/L	96
22) cis-1,2-Dichloroethene	4.662	96	44569	4.976	ug/L	97
23) Bromochloromethane	4.971	128	17834	5.027	ug/L	98
25) Chloroform	5.084	83	77188	4.939	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.791	62	47775	4.973	ug/L	99
29) 1,1,1-Trichloroethane	5.312	97	66447	4.868	ug/L	98
30) Cyclohexane	5.386	56	65823	4.823	ug/L	99
31) Carbon tetrachloride	5.521	117	57821	5.075	ug/L	98
33) Benzene	5.772	78	164090	4.984	ug/L	100
34) Trichloroethene	6.537	95	45335	4.894	ug/L	98
35) Methylcyclohexane	6.759	83	71761	4.785	ug/L	99
37) 1,2-Dichloropropane	6.784	63	44748	4.992	ug/L	100
38) Bromodichloromethane	7.100	83	56820	4.888	ug/L	99
39) cis-1,3-Dichloropropene	7.604	75	70771	4.949	ug/L	99
40) 4-Methyl-2-pentanone	7.788	43	232987	49.785	ug/L	99
42) Toluene	7.964	91	177962	4.976	ug/L	99
44) trans-1,3-Dichloropropene	8.206	75	58537	4.963	ug/L	99
45) 1,1,2-Trichloroethane	8.395	97	31410	4.863	ug/L	98
47) Tetrachloroethene	8.550	164	29925	4.970	ug/L	96
48) 2-Hexanone	8.681	43	169613	49.382	ug/L	99
49) Dibromochloromethane	8.804	129	35609	5.057	ug/L	97
50) 1,2-Dibromoethane	8.919	107	30135	5.057	ug/L	92
51) Chlorobenzene	9.443	112	111569	5.001	ug/L	99
52) Ethylbenzene	9.566	91	200679	4.945	ug/L	99
53) m,p-Xylene	9.688	106	76024	5.010	ug/L	94
54) o-Xylene	10.096	106	74268	5.048	ug/L	98
55) Styrene	10.109	104	120494	5.049	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.778	83	40175	4.916	ug/L	95
59) Bromoform	10.286	173	21078	5.153	ug/L	99
60) Isopropylbenzene	10.479	105	201396	4.947	ug/L	99
61) 1,2,3-Trichloropropane	10.820	75	26959	4.989	ug/L	98
62) 1,3,5-Trimethylbenzene	11.083	105	168327	4.896	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	170179	4.945	ug/L	99
64) 1,3-Dichlorobenzene	11.742	146	82087	4.979	ug/L	99
65) 1,4-Dichlorobenzene	11.832	146	81195	4.915	ug/L	99
67) 1,2-Dichlorobenzene	12.209	146	76506	4.977	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.993	75	6653	5.239	ug/L	91
69) 1,3,5-Trichlorobenzene	13.215	180	59189	5.040	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	49370	5.064	ug/L	99
71) Naphthalene	14.080	128	97412	4.982	ug/L	99
72) 1,2,3-Trichlorobenzene	14.324	180	44689	5.193	ug/L	99

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

