

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU022023\
 Data File : VU053144.D
 Acq On : 20 Feb 2023 11:35
 Operator : JC/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005144

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 02/21/2023
 Supervised By :Mahesh Dadoda 02/21/2023

Quant Time: Feb 20 13:04:13 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR021023WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sun Feb 19 23:26:18 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.244	114	135544	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	119663	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	59869	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.598	65	24737	3.810	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery =	76.200%		
7) Chloroethane-d5	1.913	69	27204	4.457	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery =	89.200%		
11) 1,1-Dichloroethene-d2	2.563	65	12092	4.060	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery =	81.200%		
20) 2-Butanone-d5	4.649	46	113748	57.197	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery =	114.400%		
24) Chloroform-d	5.058	84	72389	4.844	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	96.800%		
26) 1,2-Dichloroethane-d4	5.698	65	37887	5.032	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	100.600%		
32) Benzene-d6	5.723	84	129411	4.813	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	96.200%		
36) 1,2-Dichloropropane-d6	6.688	67	47179	5.038	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery =	100.800%		
41) Toluene-d8	7.894	98	113151	4.658	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	93.200%		
43) trans-1,3-Dichloroprop...	8.177	79	17652	4.656	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery =	93.200%		
46) 2-Hexanone-d5	8.633	63	91657	54.451	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery =	108.900%		
56) 1,1,2,2-Tetrachloroeth...	10.752	84	42255	5.254	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery =	105.000%		
66) 1,2-Dichlorobenzene-d4	12.189	152	45791	5.120	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery =	102.400%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	49858	5.010	ug/L	99
3) Chloromethane	1.518	50	51771	4.993	ug/L	99
5) Vinyl chloride	1.601	62	56442	4.941	ug/L	99
6) Bromomethane	1.859	94	29714	4.183	ug/L	97
8) Chloroethane	1.932	64	34262	5.093	ug/L	95
9) Trichlorofluoromethane	2.138	101	74393	4.727	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.579	101	44309	5.114	ug/L	99
12) 1,1-Dichloroethene	2.579	96	40978	5.110	ug/L	97
13) Acetone	2.682	43	66279m	46.429	ug/L	
14) Carbon disulfide	2.791	76	123955	5.119	ug/L	100
15) Methyl Acetate	2.965	43	13433	3.854	ug/L #	80
16) Methylene chloride	3.042	84	46585	5.022	ug/L	98
17) Methyl tert-butyl Ether	3.360	73	111416	5.117	ug/L	99
18) trans-1,2-Dichloroethene	3.350	96	42763	5.040	ug/L	99
19) 1,1-Dichloroethane	3.865	63	84676	5.299	ug/L	98
21) 2-Butanone	4.730	43	108746	51.565	ug/L	96
22) cis-1,2-Dichloroethene	4.662	96	49162	5.134	ug/L	97
23) Bromochloromethane	4.971	128	20508	5.408	ug/L	99
25) Chloroform	5.083	83	85136	5.096	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.791	62	52172	5.080	ug/L	98
29) 1,1,1-Trichloroethane	5.312	97	72757	5.089	ug/L	97
30) Cyclohexane	5.382	56	76609	5.359	ug/L	99
31) Carbon tetrachloride	5.521	117	62983	5.279	ug/L	97
33) Benzene	5.768	78	184973	5.364	ug/L	100
34) Trichloroethene	6.537	95	50063	5.160	ug/L	98
35) Methylcyclohexane	6.759	83	83513	5.316	ug/L	98
37) 1,2-Dichloropropane	6.788	63	50221	5.349	ug/L	99
38) Bromodichloromethane	7.103	83	60712	4.987	ug/L	100
39) cis-1,3-Dichloropropene	7.604	75	76280	5.093	ug/L	99
40) 4-Methyl-2-pentanone	7.791	43	262778	53.612	ug/L	100
42) Toluene	7.964	91	198112	5.289	ug/L	99
44) trans-1,3-Dichloropropene	8.206	75	63552	5.144	ug/L	99
45) 1,1,2-Trichloroethane	8.395	97	34411	5.087	ug/L	95
47) Tetrachloroethene	8.550	164	33252	5.272	ug/L	96
48) 2-Hexanone	8.681	43	194635	54.105	ug/L	99
49) Dibromochloromethane	8.804	129	39210	5.316	ug/L	97
50) 1,2-Dibromoethane	8.919	107	33165	5.313	ug/L	93
51) Chlorobenzene	9.443	112	123403	5.281	ug/L	98
52) Ethylbenzene	9.566	91	224735	5.287	ug/L	99
53) m,p-Xylene	9.691	106	84097	5.291	ug/L	99
54) o-Xylene	10.096	106	84342	5.474	ug/L	97
55) Styrene	10.109	104	135523	5.422	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.778	83	44769	5.230	ug/L	99
59) Bromoform	10.286	173	21754	4.999	ug/L	99
60) Isopropylbenzene	10.479	105	225437	5.205	ug/L	99
61) 1,2,3-Trichloropropane	10.820	75	30120	5.239	ug/L	99
62) 1,3,5-Trimethylbenzene	11.083	105	188354	5.149	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	189687	5.181	ug/L	99
64) 1,3-Dichlorobenzene	11.742	146	91984	5.244	ug/L	96
65) 1,4-Dichlorobenzene	11.832	146	91179	5.188	ug/L	97
67) 1,2-Dichlorobenzene	12.209	146	86306	5.277	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.993	75	7320	5.418	ug/L	98
69) 1,3,5-Trichlorobenzene	13.215	180	64699	5.178	ug/L	100
70) 1,2,4-trichlorobenzene	13.836	180	53658	5.173	ug/L	99
71) Naphthalene	14.083	128	104571	5.027	ug/L	100
72) 1,2,3-Trichlorobenzene	14.324	180	48415	5.288	ug/L	100

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

