

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112023\
 Data File : VU056537.D
 Acq On : 20 Nov 2023 19:40
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005169

Quant Time: Nov 21 00:44:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 21 00:36:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	254948	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	248340	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	124775	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	112075	5.877	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 117.600%		
7) Chloroethane-d5	1.907	69	73883	5.053	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 101.000%		
11) 1,1-Dichloroethene-d2	2.563	65	48169	5.724	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 114.400%		
20) 2-Butanone-d5	4.621	46	218051	57.345	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 114.700%		
24) Chloroform-d	5.055	84	210212	5.699	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 114.000%		
26) 1,2-Dichloroethane-d4	5.695	65	99513	5.839	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 116.800%		
32) Benzene-d6	5.721	84	400712	5.416	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 108.400%		
36) 1,2-Dichloropropane-d6	6.685	67	120407	5.399	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 108.000%		
41) Toluene-d8	7.894	98	375197	5.742	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 114.800%		
43) trans-1,3-Dichloroprop...	8.174	79	47703	5.578	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 111.600%		
46) 2-Hexanone-d5	8.627	63	204004	60.698	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 121.400%		
56) 1,1,2,2-Tetrachloroeth...	10.749	84	91842	5.764	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 115.200%		
66) 1,2-Dichlorobenzene-d4	12.187	152	118549	5.143	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 102.800%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	92988	4.603	ug/L	98
3) Chloromethane	1.515	50	91273	4.422	ug/L	99
5) Vinyl chloride	1.602	62	92575	4.655	ug/L	93
6) Bromomethane	1.853	94	36719	3.647	ug/L	96
8) Chloroethane	1.930	64	53813	4.429	ug/L	93
9) Trichlorofluoromethane	2.132	101	145068	5.061	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	79444	4.669	ug/L	99
12) 1,1-Dichloroethene	2.576	96	78952	5.059	ug/L	96
13) Acetone	2.631	43	121659	37.566	ug/L	98
14) Carbon disulfide	2.788	76	219874	4.329	ug/L	99
15) Methyl Acetate	2.949	43	31084	5.393	ug/L	100
16) Methylene chloride	3.039	84	116054	5.619	ug/L	98
17) Methyl tert-butyl Ether	3.354	73	211524	5.578	ug/L	98
18) trans-1,2-Dichloroethene	3.348	96	83049	5.172	ug/L	96
19) 1,1-Dichloroethane	3.862	63	171213	5.383	ug/L	97
21) 2-Butanone	4.698	43	196071	46.658	ug/L	95
22) cis-1,2-Dichloroethene	4.660	96	98763	5.423	ug/L	98
23) Bromochloromethane	4.968	128	42309	5.645	ug/L	96
25) Chloroform	5.081	83	192066	5.573	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	108480	5.544	ug/L	97
29) 1,1,1-Trichloroethane	5.309	97	153565	5.387	ug/L	99
30) Cyclohexane	5.380	56	107487	3.973	ug/L	100
31) Carbon tetrachloride	5.518	117	122823	5.016	ug/L	100
33) Benzene	5.769	78	372085	5.251	ug/L	100
34) Trichloroethene	6.537	95	100071	5.183	ug/L	94
35) Methylcyclohexane	6.756	83	111582	4.003	ug/L	97
37) 1,2-Dichloropropane	6.785	63	104018	5.629	ug/L	99
38) Bromodichloromethane	7.100	83	135345	5.674	ug/L	99
39) cis-1,3-Dichloropropene	7.602	75	147231	5.422	ug/L	96
40) 4-Methyl-2-pentanone	7.785	43	521067	56.884	ug/L	100
42) Toluene	7.965	91	403036	5.494	ug/L	100
44) trans-1,3-Dichloropropene	8.203	75	121164	5.597	ug/L	97
45) 1,1,2-Trichloroethane	8.396	97	71545	5.813	ug/L	95
47) Tetrachloroethene	8.547	164	68839	5.288	ug/L	94
48) 2-Hexanone	8.679	43	379349	53.159	ug/L	98
49) Dibromochloromethane	8.804	129	82795	5.916	ug/L	98
50) 1,2-Dibromoethane	8.920	107	64118	5.519	ug/L	100
51) Chlorobenzene	9.441	112	246904	5.238	ug/L	97
52) Ethylbenzene	9.566	91	410936	5.044	ug/L	100
53) m,p-Xylene	9.688	106	156839	5.237	ug/L	98
54) o-Xylene	10.097	106	152604	5.246	ug/L	99
55) Styrene	10.110	104	263135	5.438	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.775	83	84377	5.615	ug/L #	98
59) Bromoform	10.286	173	44089	5.673	ug/L	99
60) Isopropylbenzene	10.479	105	396888	4.932	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	59293	5.538	ug/L	97
62) 1,3,5-Trimethylbenzene	11.084	105	320429	4.850	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	327654	5.024	ug/L	98
64) 1,3-Dichlorobenzene	11.740	146	188273	5.143	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	187551	5.108	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	178738	5.322	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.991	75	11802	5.161	ug/L	99
69) 1,3,5-Trichlorobenzene	13.212	180	141678	5.141	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	116818	5.204	ug/L	99
71) Naphthalene	14.081	128	171031	5.043	ug/L	100
72) 1,2,3-Trichlorobenzene	14.322	180	96655	5.227	ug/L	99

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

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