

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112123\
 Data File : VU056575.D
 Acq On : 22 Nov 2023 01:38
 Operator : MD/SY
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005172

Quant Time: Nov 22 01:52:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 22 00:29:26 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	221532	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	220158	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	109275	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	96455	5.821	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	116.400%
7) Chloroethane-d5	1.907	69	65796	5.179	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.600%
11) 1,1-Dichloroethene-d2	2.563	65	43517	5.951	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	119.000%
20) 2-Butanone-d5	4.618	46	216333	65.475	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	130.960%#
24) Chloroform-d	5.055	84	191685	5.981	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	119.600%
26) 1,2-Dichloroethane-d4	5.695	65	92196	6.225	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	124.600%
32) Benzene-d6	5.721	84	357420	5.449	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.000%
36) 1,2-Dichloropropane-d6	6.685	67	110166	5.573	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	111.400%
41) Toluene-d8	7.894	98	329317	5.685	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	113.800%
43) trans-1,3-Dichloroprop...	8.174	79	47259	6.233	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	124.600%
46) 2-Hexanone-d5	8.627	63	197536	66.297	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	132.600%#
56) 1,1,2,2-Tetrachloroeth...	10.750	84	84702	5.996	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	120.000%
66) 1,2-Dichlorobenzene-d4	12.187	152	106360	5.269	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.400%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	81027	4.616	ug/L	99
3) Chloromethane	1.515	50	91458	5.099	ug/L	97
5) Vinyl chloride	1.602	62	88350	5.112	ug/L	99
6) Bromomethane	1.853	94	42167	4.820	ug/L	99
8) Chloroethane	1.927	64	53108	5.031	ug/L	99
9) Trichlorofluoromethane	2.132	101	133420	5.357	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	76945	5.204	ug/L	99
12) 1,1-Dichloroethene	2.576	96	75101	5.538	ug/L	98
13) Acetone	2.628	43	122007	43.356	ug/L	96
14) Carbon disulfide	2.788	76	191653	4.343	ug/L	99
15) Methyl Acetate	2.946	43	32117	6.413	ug/L	100
16) Methylene chloride	3.042	84	102603	5.717	ug/L	96
17) Methyl tert-butyl Ether	3.354	73	206239	6.260	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	75180	5.388	ug/L	96
19) 1,1-Dichloroethane	3.862	63	164658	5.957	ug/L	98
21) 2-Butanone	4.698	43	192213	52.639	ug/L	96
22) cis-1,2-Dichloroethene	4.660	96	92666	5.856	ug/L	98
23) Bromochloromethane	4.968	128	39787	6.109	ug/L	96
25) Chloroform	5.081	83	179753	6.003	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	108628	6.389	ug/L	100
29) 1,1,1-Trichloroethane	5.309	97	142839	5.652	ug/L	99
30) Cyclohexane	5.383	56	97166	4.051	ug/L	99
31) Carbon tetrachloride	5.518	117	111941	5.157	ug/L	100
33) Benzene	5.769	78	340274	5.417	ug/L	100
34) Trichloroethene	6.537	95	90182	5.269	ug/L	97
35) Methylcyclohexane	6.756	83	100583	4.071	ug/L	100
37) 1,2-Dichloropropane	6.785	63	96643	5.899	ug/L	99
38) Bromodichloromethane	7.100	83	122383	5.787	ug/L	98
39) cis-1,3-Dichloropropene	7.602	75	137900	5.729	ug/L	98
40) 4-Methyl-2-pentanone	7.785	43	524840	64.631	ug/L	99
42) Toluene	7.965	91	366272	5.632	ug/L	100
44) trans-1,3-Dichloropropene	8.206	75	117711	6.134	ug/L	99
45) 1,1,2-Trichloroethane	8.393	97	71862	6.587	ug/L	96
47) Tetrachloroethene	8.547	164	59960	5.195	ug/L	100
48) 2-Hexanone	8.679	43	369414	58.393	ug/L	98
49) Dibromochloromethane	8.804	129	77617	6.256	ug/L	98
50) 1,2-Dibromoethane	8.917	107	60969	5.919	ug/L	97
51) Chlorobenzene	9.441	112	222710	5.329	ug/L	100
52) Ethylbenzene	9.566	91	360766	4.995	ug/L	100
53) m,p-Xylene	9.692	106	135715	5.112	ug/L	96
54) o-Xylene	10.097	106	134120	5.201	ug/L	98
55) Styrene	10.110	104	238168	5.552	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.775	83	83505	6.268	ug/L #	96
59) Bromoform	10.283	173	44072	6.475	ug/L	99
60) Isopropylbenzene	10.479	105	351074	4.982	ug/L	99
61) 1,2,3-Trichloropropane	10.817	75	58434	6.232	ug/L	98
62) 1,3,5-Trimethylbenzene	11.084	105	282669	4.885	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	288054	5.043	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	171576	5.352	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	166657	5.183	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	161602	5.495	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.991	75	10891	5.438	ug/L	99
69) 1,3,5-Trichlorobenzene	13.212	180	127444	5.280	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	102656	5.222	ug/L	99
71) Naphthalene	14.081	128	156193	5.259	ug/L	100
72) 1,2,3-Trichlorobenzene	14.325	180	89199	5.508	ug/L	95

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

