

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU013122\
 Data File : VU046908.D
 Acq On : 31 Jan 2022 10:41
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005178

Quant Time: Feb 01 00:20:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jan 29 00:38:36 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	120435	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	128144	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	67259	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	59761	5.856	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	117.200%	
7) Chloroethane-d5	1.922	69	43252	5.379	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	107.600%	
11) 1,1-Dichloroethene-d2	2.575	65	22383	5.514	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	110.200%	
20) 2-Butanone-d5	4.655	46	135368	44.775	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	89.560%	
24) Chloroform-d	5.070	84	88595	4.945	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	99.000%	
26) 1,2-Dichloroethane-d4	5.706	65	47536	4.872	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	97.400%	
32) Benzene-d6	5.732	84	174442	4.632	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	92.600%	
36) 1,2-Dichloropropane-d6	6.694	67	53034	4.690	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	93.800%	
41) Toluene-d8	7.902	98	157356	4.565	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	91.200%	
43) trans-1,3-Dichloroprop...	8.182	79	22746	4.580	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	91.600%	
46) 2-Hexanone-d5	8.639	63	134920	45.884	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	91.760%	
56) 1,1,2,2-Tetrachloroeth...	10.761	84	53302	4.695	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	94.000%	
66) 1,2-Dichlorobenzene-d4	12.195	152	54267	4.302	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	86.000%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.388	85	55744	4.921	ug/L	99
3) Chloromethane	1.527	50	52246	5.600	ug/L	97
5) Vinyl chloride	1.610	62	52123	5.366	ug/L	100
6) Bromomethane	1.864	94	31689	5.214	ug/L	100
8) Chloroethane	1.941	64	31235	5.587	ug/L	96
9) Trichlorofluoromethane	2.147	101	65921	5.570	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.591	101	37957	5.394	ug/L	98
12) 1,1-Dichloroethene	2.588	96	34957	5.198	ug/L	94
13) Acetone	2.671	43	76566	46.563	ug/L	97
14) Carbon disulfide	2.803	76	110344	4.996	ug/L	99
15) Methyl Acetate	2.967	43	20609	5.738	ug/L	96
16) Methylene chloride	3.054	84	39687	4.887	ug/L	97
17) Methyl tert-butyl Ether	3.369	73	89074	4.721	ug/L	99
18) trans-1,2-Dichloroethene	3.362	96	35638	4.893	ug/L	94
19) 1,1-Dichloroethane	3.880	63	67059	5.484	ug/L	100
21) 2-Butanone	4.732	43	122000	46.134	ug/L	99
22) cis-1,2-Dichloroethene	4.674	96	37290	4.853	ug/L	98
23) Bromochloromethane	4.983	128	18879	4.994	ug/L	99
25) Chloroform	5.096	83	68221	3.515	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.800	62	45773	5.343	ug/L	98
29) 1,1,1-Trichloroethane	5.324	97	58118	5.035	ug/L	98
30) Cyclohexane	5.395	56	54875	4.687	ug/L	100
31) Carbon tetrachloride	5.530	117	49642	5.013	ug/L	99
33) Benzene	5.780	78	152882	5.067	ug/L	100
34) Trichloroethene	6.549	95	37311	4.763	ug/L	98
35) Methylcyclohexane	6.768	83	55030	4.194	ug/L	99
37) 1,2-Dichloropropane	6.796	63	40070	5.414	ug/L	100
38) Bromodichloromethane	7.108	83	50120	4.705	ug/L	98
39) cis-1,3-Dichloropropene	7.610	75	54207	4.694	ug/L	100
40) 4-Methyl-2-pentanone	7.796	43	282091	51.990	ug/L	98
42) Toluene	7.973	91	159581	4.425	ug/L	100
44) trans-1,3-Dichloropropene	8.214	75	49997	4.860	ug/L	99
45) 1,1,2-Trichloroethane	8.404	97	31941	5.073	ug/L	97
47) Tetrachloroethene	8.555	164	27730	4.353	ug/L	95
48) 2-Hexanone	8.690	43	224628	54.847	ug/L	99
49) Dibromochloromethane	8.812	129	34792	4.684	ug/L	97
50) 1,2-Dibromoethane	8.928	107	31234	4.894	ug/L	99
51) Chlorobenzene	9.449	112	97183	4.640	ug/L	99
52) Ethylbenzene	9.574	91	154960	4.520	ug/L	100
53) m,p-Xylene	9.697	106	60782	4.447	ug/L	98
54) o-Xylene	10.105	106	58717	4.432	ug/L	94
55) Styrene	10.118	104	102142	4.713	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.787	83	43964	5.192	ug/L	96
59) Bromoform	10.291	173	20610	4.976	ug/L	98
60) Isopropylbenzene	10.488	105	151720	4.842	ug/L	100
61) 1,2,3-Trichloropropane	10.825	75	32697	5.737	ug/L	100
62) 1,3,5-Trimethylbenzene	11.092	105	113604	4.417	ug/L	100
63) 1,2,4-Trimethylbenzene	11.471	105	117491	4.440	ug/L	100
64) 1,3-Dichlorobenzene	11.748	146	72474	4.628	ug/L	97
65) 1,4-Dichlorobenzene	11.838	146	75161	4.769	ug/L	98
67) 1,2-Dichlorobenzene	12.214	146	70429	4.650	ug/L	95
68) 1,2-Dibromo-3-chloropr...	12.999	75	6711	5.673	ug/L	97
69) 1,3,5-Trichlorobenzene	13.221	180	50757	4.111	ug/L	98
70) 1,2,4-trichlorobenzene	13.841	180	41719	4.042	ug/L	98
71) Naphthalene	14.089	128	90554	4.309	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	43365	4.448	ug/L	98

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

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