

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031122\
 Data File : VU047526.D
 Acq On : 12 Mar 2022 04:59
 Operator : SY/MD
 Sample : N1858-10MS
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETNH9MS

Quant Time: Mar 14 01:45:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR030922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Mar 12 03:24:52 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	114653	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	113031	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	63060	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	37546	6.038	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	120.800%
7) Chloroethane-d5	1.919	69	20363	4.461	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.200%
11) 1,1-Dichloroethene-d2	2.572	65	11845	4.313	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.200%
20) 2-Butanone-d5	4.649	46	65917	59.540	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	119.080%
24) Chloroform-d	5.070	84	50172	5.065	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.200%
26) 1,2-Dichloroethane-d4	5.706	65	24098	4.804	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.000%
32) Benzene-d6	5.729	84	94848	4.461	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.200%
36) 1,2-Dichloropropane-d6	6.694	67	29159	4.636	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.800%
41) Toluene-d8	7.899	98	91984	4.402	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.000%
43) trans-1,3-Dichloroprop...	8.182	79	11926	4.466	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.400%
46) 2-Hexanone-d5	8.636	63	55718	47.364	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.720%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	28187	5.142	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.800%
66) 1,2-Dichlorobenzene-d4	12.192	152	37996	4.752	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	50399	5.871	ug/L	100
3) Chloromethane	1.523	50	49205	5.740	ug/L	100
5) Vinyl chloride	1.607	62	1630197	193.340	ug/L	98
6) Bromomethane	1.861	94	19547	4.066	ug/L	98
8) Chloroethane	1.938	64	33801	6.600	ug/L	97
9) Trichlorofluoromethane	2.144	101	66630	5.997	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	40501	5.905	ug/L	98
12) 1,1-Dichloroethene	2.584	96	40946	6.083	ug/L	94
13) Acetone	2.658	43	69048	67.881	ug/L	93
14) Carbon disulfide	2.800	76	117458	5.684	ug/L	99
15) Methyl Acetate	2.961	43	16624	6.185	ug/L	94
16) Methylene chloride	3.054	84	44995	5.600	ug/L	99
17) Methyl tert-butyl Ether	3.369	73	102385	5.898	ug/L	98
18) trans-1,2-Dichloroethene	3.359	96	61433	8.524	ug/L	98
19) 1,1-Dichloroethane	3.874	63	76058	6.205	ug/L	99
21) 2-Butanone	4.723	43	118889	64.903	ug/L	97
22) cis-1,2-Dichloroethene	4.671	96	2900688	363.228	ug/L	96
23) Bromochloromethane	4.977	128	23439	6.143	ug/L	98
25) Chloroform	5.092	83	79245	5.971	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.797	62	51178	5.990	ug/L	98
29) 1,1,1-Trichloroethane	5.321	97	67913	5.815	ug/L	97
30) Cyclohexane	5.391	56	60957	5.418	ug/L	99
31) Carbon tetrachloride	5.530	117	59734	5.824	ug/L	98
33) Benzene	5.777	78	188919	6.189	ug/L	100
34) Trichloroethene	6.546	95	46236	5.666	ug/L	98
35) Methylcyclohexane	6.764	83	65434	5.083	ug/L	99
37) 1,2-Dichloropropane	6.793	63	44214	5.816	ug/L	100
38) Bromodichloromethane	7.108	83	59540	5.899	ug/L	99
39) cis-1,3-Dichloropropene	7.610	75	61990	5.378	ug/L	100
40) 4-Methyl-2-pentanone	7.793	43	304360	58.727	ug/L	99
42) Toluene	7.970	91	193748	5.842	ug/L	98
44) trans-1,3-Dichloropropene	8.211	75	56215	5.408	ug/L	96
45) 1,1,2-Trichloroethane	8.401	97	37546	6.026	ug/L	99
47) Tetrachloroethene	8.555	164	38151	5.511	ug/L	98
48) 2-Hexanone	8.687	43	223391	59.412	ug/L	98
49) Dibromochloromethane	8.812	129	45861	6.059	ug/L	98
50) 1,2-Dibromoethane	8.925	107	36695	5.788	ug/L	100
51) Chlorobenzene	9.449	112	125905	5.675	ug/L	100
52) Ethylbenzene	9.571	91	198072	5.515	ug/L	98
53) m,p-Xylene	9.693	106	78010	5.537	ug/L	99
54) o-Xylene	10.102	106	75653	5.542	ug/L	100
55) Styrene	10.115	104	127673	5.533	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.783	83	50034	5.999	ug/L	100
59) Bromoform	10.291	173	29553	6.225	ug/L	99
60) Isopropylbenzene	10.484	105	198282	5.620	ug/L	99
61) 1,2,3-Trichloropropane	10.825	75	34216	5.858	ug/L	100
62) 1,3,5-Trimethylbenzene	11.089	105	122650	5.300	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	160508	5.347	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	105063	5.618	ug/L	99
65) 1,4-Dichlorobenzene	11.838	146	106318	5.599	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	103109	5.738	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.996	75	7775	5.904	ug/L	89
69) 1,3,5-Trichlorobenzene	13.221	180	84349	5.499	ug/L	100
70) 1,2,4-trichlorobenzene	13.841	180	72788	5.324	ug/L	99
71) Naphthalene	14.086	128	125688	5.140	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	68989	5.503	ug/L	99

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

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