

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031022\
 Data File : VU047475.D
 Acq On : 10 Mar 2022 21:57
 Operator : SY/MD
 Sample : N1857-03MS
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETNH0MS

Quant Time: Mar 11 00:58:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR030922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 11 00:52:41 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	132750	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	128235	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	70399	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	35926	4.990	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.800%
7) Chloroethane-d5	1.919	69	26730	5.057	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.200%
11) 1,1-Dichloroethene-d2	2.571	65	16260	5.113	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	102.200%
20) 2-Butanone-d5	4.645	46	64368	50.215	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.420%
24) Chloroform-d	5.067	84	62268	5.429	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.600%
26) 1,2-Dichloroethane-d4	5.706	65	30081	5.179	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.600%
32) Benzene-d6	5.729	84	126010	5.224	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.400%
36) 1,2-Dichloropropane-d6	6.694	67	37227	5.217	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.400%
41) Toluene-d8	7.899	98	121525	5.126	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.600%
43) trans-1,3-Dichloroprop...	8.179	79	15121	4.991	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.800%
46) 2-Hexanone-d5	8.636	63	65175	48.834	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.660%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	32737	5.264	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.200%
66) 1,2-Dichlorobenzene-d4	12.192	152	46318	5.189	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	53994	5.432	ug/L	98
3) Chloromethane	1.523	50	54092	5.450	ug/L	97
5) Vinyl chloride	1.607	62	54556	5.588	ug/L	99
6) Bromomethane	1.861	94	23886	4.291	ug/L	98
8) Chloroethane	1.938	64	33050	5.574	ug/L	100
9) Trichlorofluoromethane	2.144	101	70542	5.484	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	42583	5.362	ug/L	99
12) 1,1-Dichloroethene	2.584	96	42944	5.510	ug/L	92
13) Acetone	2.662	43	60071	51.005	ug/L	99
14) Carbon disulfide	2.800	76	131432	5.494	ug/L	99
15) Methyl Acetate	2.964	43	16866	5.419	ug/L	98
16) Methylene chloride	3.051	84	48273	5.189	ug/L	98
17) Methyl tert-butyl Ether	3.369	73	110876	5.516	ug/L	98
18) trans-1,2-Dichloroethene	3.359	96	46100	5.525	ug/L	98
19) 1,1-Dichloroethane	3.874	63	81661	5.754	ug/L	97
21) 2-Butanone	4.726	43	118667	55.951	ug/L	99
22) cis-1,2-Dichloroethene	4.671	96	51249	5.543	ug/L	97
23) Bromochloromethane	4.980	128	25699	5.817	ug/L	99
25) Chloroform	5.092	83	85425	5.559	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.796	62	55886	5.649	ug/L	99
29) 1,1,1-Trichloroethane	5.321	97	74134	5.595	ug/L	98
30) Cyclohexane	5.391	56	67280	5.271	ug/L	97
31) Carbon tetrachloride	5.530	117	63353	5.444	ug/L	97
33) Benzene	5.777	78	191288	5.523	ug/L	100
34) Trichloroethene	6.542	95	50119	5.414	ug/L	98
35) Methylcyclohexane	6.764	83	72015	4.931	ug/L	98
37) 1,2-Dichloropropane	6.793	63	48730	5.650	ug/L	99
38) Bromodichloromethane	7.108	83	64601	5.641	ug/L	98
39) cis-1,3-Dichloropropene	7.610	75	71088	5.436	ug/L	98
40) 4-Methyl-2-pentanone	7.793	43	318945	54.245	ug/L	98
42) Toluene	7.970	91	207958	5.527	ug/L	98
44) trans-1,3-Dichloropropene	8.211	75	64296	5.452	ug/L	96
45) 1,1,2-Trichloroethane	8.401	97	39822	5.633	ug/L	98
47) Tetrachloroethene	8.555	164	40384	5.142	ug/L	99
48) 2-Hexanone	8.687	43	224569	52.644	ug/L	99
49) Dibromochloromethane	8.812	129	48051	5.596	ug/L	95
50) 1,2-Dibromoethane	8.925	107	39662	5.514	ug/L	97
51) Chlorobenzene	9.449	112	138524	5.504	ug/L	98
52) Ethylbenzene	9.571	91	218323	5.358	ug/L	99
53) m,p-Xylene	9.693	106	84974	5.316	ug/L	99
54) o-Xylene	10.102	106	81504	5.263	ug/L	98
55) Styrene	10.115	104	141153	5.392	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.783	83	52688	5.568	ug/L	99
59) Bromoform	10.291	173	30276	5.712	ug/L	100
60) Isopropylbenzene	10.484	105	212484	5.395	ug/L	99
61) 1,2,3-Trichloropropane	10.825	75	36342	5.573	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	133108	5.152	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	174062	5.194	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	113455	5.434	ug/L	100
65) 1,4-Dichlorobenzene	11.835	146	112689	5.315	ug/L	98
67) 1,2-Dichlorobenzene	12.211	146	110224	5.495	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.996	75	8502	5.783	ug/L	99
69) 1,3,5-Trichlorobenzene	13.217	180	89416	5.222	ug/L	98
70) 1,2,4-trichlorobenzene	13.841	180	77561	5.082	ug/L	100
71) Naphthalene	14.086	128	138490	5.073	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	73297	5.237	ug/L	100

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

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