

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050321\
 Data File : VU043505.D
 Acq On : 04 May 2021 00:41
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005157

Quant Time: May 04 16:55:18 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR050321WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue May 04 08:24:49 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.260	114	90826	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	91039	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	47547	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	36184	4.95	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.00%
7) Chloroethane-d5	1.919	69	27274	5.10	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.00%
11) 1,1-Dichloroethene-d2	2.572	65	17857	4.98	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	99.60%
20) 2-Butanone-d5	4.645	46	106503	46.97	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.94%
24) Chloroform-d	5.076	84	71937	5.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.00%
26) 1,2-Dichloroethane-d4	5.713	65	43336	5.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.00%
32) Benzene-d6	5.735	84	129673	5.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.40%
36) 1,2-Dichloropropane-d6	6.700	67	44109	5.11	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.20%
41) Toluene-d8	7.906	98	120825	5.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.80%
43) trans-1,3-Dichloroprop...	8.189	79	17588	5.05	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	101.00%
46) 2-Hexanone-d5	8.642	63	86124	58.94	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	117.88%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	37958	5.48	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.60%
66) 1,2-Dichlorobenzene-d4	12.201	152	43235	5.10	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.00%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	31874	5.18	ug/L	98
3) Chloromethane	1.520	50	31393	4.84	ug/L	96
5) Vinyl chloride	1.607	62	31703	5.16	ug/L	97
6) Bromomethane	1.861	94	16589	5.70	ug/L	100
8) Chloroethane	1.938	64	20460	5.15	ug/L	99
9) Trichlorofluoromethane	2.144	101	50338	5.26	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	30679	5.19	ug/L	97
12) 1,1-Dichloroethene	2.584	96	27142	5.34	ug/L	96
13) Acetone	2.652	43	63519	42.01	ug/L	100
14) Carbon disulfide	2.800	76	62710	4.94	ug/L	99
15) Methyl Acetate	2.964	43	17167	4.98	ug/L	96
16) Methylene chloride	3.054	84	34161	4.20	ug/L	99
17) Methyl tert-butyl Ether	3.372	73	79822	5.38	ug/L	99
18) trans-1,2-Dichloroethene	3.363	96	26564	5.02	ug/L	96
19) 1,1-Dichloroethane	3.880	63	66225	5.26	ug/L	98
21) 2-Butanone	4.723	43	114932	47.41	ug/L	99
22) cis-1,2-Dichloroethene	4.678	96	31682	5.09	ug/L	91
23) Bromochloromethane	4.983	128	15495	5.60	ug/L	95
25) Chloroform	5.099	83	67823	5.06	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.803	62	48675	5.35	ug/L	100
29) 1,1,1-Trichloroethane	5.324	97	56310	5.26	ug/L	99
30) Cyclohexane	5.398	56	43784	5.12	ug/L	98
31) Carbon tetrachloride	5.533	117	45601	5.20	ug/L	96
33) Benzene	5.784	78	130091	5.42	ug/L	100
34) Trichloroethene	6.549	95	32007	5.23	ug/L	97
35) Methylcyclohexane	6.771	83	38488	4.86	ug/L	98
37) 1,2-Dichloropropane	6.800	63	38503	5.38	ug/L	99
38) Bromodichloromethane	7.115	83	48273	5.20	ug/L	96
39) cis-1,3-Dichloropropene	7.616	75	45802	4.82	ug/L	94
40) 4-Methyl-2-pentanone	7.800	43	348220	59.43	ug/L	99
42) Toluene	7.977	91	138123	5.51	ug/L	98
44) trans-1,3-Dichloropropene	8.218	75	45369	5.25	ug/L	95
45) 1,1,2-Trichloroethane	8.407	97	26780	5.41	ug/L	99
47) Tetrachloroethene	8.562	164	23856	5.29	ug/L	97
48) 2-Hexanone	8.694	43	266889	61.40	ug/L	100
49) Dibromochloromethane	8.819	129	32660	5.46	ug/L	97
50) 1,2-Dibromoethane	8.931	107	24933	5.42	ug/L	96
51) Chlorobenzene	9.456	112	83433	5.23	ug/L	99
52) Ethylbenzene	9.578	91	139988	5.26	ug/L	99
53) m,p-Xylene	9.700	106	50842	5.26	ug/L	95
54) o-Xylene	10.108	106	50581	5.39	ug/L	98
55) Styrene	10.121	104	91307	5.55	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.790	83	36442	5.46	ug/L	96
59) Bromoform	10.298	173	18733	5.42	ug/L	99
60) Isopropylbenzene	10.491	105	137771	5.32	ug/L	100
61) 1,2,3-Trichloropropane	10.832	75	27115	5.64	ug/L	99
62) 1,3,5-Trimethylbenzene	11.095	105	106530	5.23	ug/L	100
63) 1,2,4-Trimethylbenzene	11.475	105	107548	5.28	ug/L	98
64) 1,3-Dichlorobenzene	11.751	146	68092	5.30	ug/L	97
65) 1,4-Dichlorobenzene	11.845	146	68150	5.17	ug/L	99
67) 1,2-Dichlorobenzene	12.221	146	66200	5.12	ug/L	99
68) 1,2-Dibromo-3-chloropr...	13.005	75	6562	5.72	ug/L	92
69) 1,3,5-Trichlorobenzene	13.227	180	50838	5.00	ug/L	99
70) 1,2,4-trichlorobenzene	13.848	180	41373	4.94	ug/L	99
71) Naphthalene	14.095	128	76046	5.26	ug/L	99
72) 1,2,3-Trichlorobenzene	14.340	180	41687	5.30	ug/L	98

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

