

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU050321\
 Data File : VU043482.D
 Acq On : 03 May 2021 12:00
 Operator : SY/MD
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VICV131

Quant Time: May 04 07:39:22 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR050321WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue May 04 07:31:29 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.260	114	99932	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	97516	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	53605	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	41283	5.14	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	102.80%
7) Chloroethane-d5	1.919	69	29810	5.06	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.20%
11) 1,1-Dichloroethene-d2	2.572	65	20321	5.15	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	103.00%
20) 2-Butanone-d5	4.652	46	129823	52.04	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.08%
24) Chloroform-d	5.073	84	75368	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.00%
26) 1,2-Dichloroethane-d4	5.713	65	46188	4.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.80%
32) Benzene-d6	5.739	84	146779	5.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	111.40%
36) 1,2-Dichloropropane-d6	6.700	67	48531	5.24	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.80%
41) Toluene-d8	7.906	98	134584	5.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.00%
43) trans-1,3-Dichloroprop...	8.189	79	20634	5.53	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	110.60%
46) 2-Hexanone-d5	8.642	63	84557	54.02	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.04%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	37690	5.08	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.60%
66) 1,2-Dichlorobenzene-d4	12.201	152	48801	5.10	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.00%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	35595	5.26	ug/L	99
3) Chloromethane	1.520	50	35799	5.02	ug/L	99
5) Vinyl chloride	1.607	62	36857	5.45	ug/L	100
6) Bromomethane	1.861	94	16328	5.10	ug/L	98
8) Chloroethane	1.938	64	22854	5.23	ug/L	94
9) Trichlorofluoromethane	2.144	101	54490	5.17	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	34410	5.29	ug/L	99
12) 1,1-Dichloroethene	2.584	96	29347	5.25	ug/L	97
13) Acetone	2.665	43	86541	52.02	ug/L	100
14) Carbon disulfide	2.800	76	72368	5.18	ug/L	99
15) Methyl Acetate	2.970	43	20162	5.31	ug/L	100
16) Methylene chloride	3.054	84	37552	4.20	ug/L	96
17) Methyl tert-butyl Ether	3.372	73	85140	5.21	ug/L	100
18) trans-1,2-Dichloroethene	3.363	96	30372	5.22	ug/L	97
19) 1,1-Dichloroethane	3.880	63	71922	5.19	ug/L	98
21) 2-Butanone	4.729	43	136980	51.36	ug/L	100
22) cis-1,2-Dichloroethene	4.678	96	36362	5.31	ug/L	97
23) Bromochloromethane	4.986	128	16179	5.31	ug/L	96
25) Chloroform	5.099	83	77011	5.22	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.806	62	50325	5.03	ug/L	100
29) 1,1,1-Trichloroethane	5.327	97	60678	5.29	ug/L	98
30) Cyclohexane	5.398	56	52218	5.71	ug/L	98
31) Carbon tetrachloride	5.533	117	50948	5.42	ug/L	99
33) Benzene	5.784	78	141057	5.49	ug/L	100
34) Trichloroethene	6.552	95	35710	5.44	ug/L	98
35) Methylcyclohexane	6.771	83	48067	5.66	ug/L	97
37) 1,2-Dichloropropane	6.800	63	41469	5.41	ug/L	99
38) Bromodichloromethane	7.115	83	52573	5.29	ug/L	96
39) cis-1,3-Dichloropropene	7.616	75	55468	5.45	ug/L	99
40) 4-Methyl-2-pentanone	7.803	43	337094	53.71	ug/L	99
42) Toluene	7.976	91	151778	5.65	ug/L	100
44) trans-1,3-Dichloropropene	8.218	75	50097	5.41	ug/L	97
45) 1,1,2-Trichloroethane	8.411	97	27201	5.13	ug/L	97
47) Tetrachloroethene	8.562	164	26240	5.43	ug/L	97
48) 2-Hexanone	8.697	43	256751	55.15	ug/L	99
49) Dibromochloromethane	8.819	129	33243	5.19	ug/L	100
50) 1,2-Dibromoethane	8.931	107	25473	5.17	ug/L	98
51) Chlorobenzene	9.456	112	91205	5.34	ug/L	98
52) Ethylbenzene	9.578	91	161610	5.67	ug/L	100
53) m,p-Xylene	9.703	106	59401	5.74	ug/L	98
54) o-Xylene	10.108	106	57744	5.74	ug/L	99
55) Styrene	10.121	104	103612	5.88	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.790	83	36129	5.06	ug/L	95
59) Bromoform	10.298	173	19503	5.00	ug/L	99
60) Isopropylbenzene	10.494	105	160910	5.51	ug/L	99
61) 1,2,3-Trichloropropane	10.832	75	26570	4.90	ug/L	99
62) 1,3,5-Trimethylbenzene	11.095	105	127789	5.57	ug/L	99
63) 1,2,4-Trimethylbenzene	11.475	105	128323	5.58	ug/L	100
64) 1,3-Dichlorobenzene	11.754	146	79315	5.48	ug/L	100
65) 1,4-Dichlorobenzene	11.845	146	79637	5.36	ug/L	99
67) 1,2-Dichlorobenzene	12.221	146	75260	5.16	ug/L	99
68) 1,2-Dibromo-3-chloropr...	13.005	75	6377	4.93	ug/L	97
69) 1,3,5-Trichlorobenzene	13.227	180	62480	5.45	ug/L	99
70) 1,2,4-trichlorobenzene	13.848	180	53996	5.71	ug/L	99
71) Naphthalene	14.095	128	92531	5.68	ug/L	98
72) 1,2,3-Trichlorobenzene	14.340	180	50207	5.66	ug/L	97

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

