

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032921\
 Data File : VU042827.D
 Acq On : 29 Mar 2021 19:39
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00520

Quant Time: Mar 30 01:19:20 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SOMUTR030221WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Mar 30 01:12:10 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.259	114	80528	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	80483	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.819	152	44102	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	20900	3.89	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.80%
7) Chloroethane-d5	1.919	69	18825	4.63	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.60%
11) 1,1-Dichloroethene-d2	2.575	63	53518	4.41	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.20%
20) 2-Butanone-d5	4.649	46	69885	39.65	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	79.30%
24) Chloroform-d	5.073	84	51574	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.20%
26) 1,2-Dichloroethane-d4	5.713	65	30487	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.40%
32) Benzene-d6	5.739	84	88203	4.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.40%
36) 1,2-Dichloropropane-d6	6.700	67	29246	4.59	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.80%
41) Toluene-d8	7.906	98	86934	4.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.20%
43) trans-1,3-Dichloroprop...	8.189	79	12566	4.23	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.60%
46) 2-Hexanone-d5	8.642	63	69840	49.05	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.10%
57) 1,1,2,2-Tetrachloroeth...	10.764	84	27272	4.81	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.20%
64) 1,2-Dichlorobenzene-d4	12.201	152	36605	4.58	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.60%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	34604	4.62	ug/L	99
3) Chloromethane	1.523	50	35769	5.04	ug/L	98
5) Vinyl chloride	1.607	62	34007	4.77	ug/L	100
6) Bromomethane	1.864	94	21006	5.34	ug/L	96
8) Chloroethane	1.941	64	21330	5.01	ug/L	98
9) Trichlorofluoromethane	2.144	101	59262	5.10	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	29104	4.76	ug/L	97
12) 1,1-Dichloroethene	2.588	96	26941	4.75	ug/L	92
13) Acetone	2.658	43	33789	24.88	ug/L	98
14) Carbon disulfide	2.800	76	86196	4.77	ug/L	100
15) Methyl Acetate	2.967	43	13888	4.11	ug/L	94
16) Methylene chloride	3.054	84	31221	4.59	ug/L	98
17) Methyl tert-butyl Ether	3.372	73	68501	4.29	ug/L	98
18) trans-1,2-Dichloroethene	3.362	96	27515	4.61	ug/L	94
19) 1,1-Dichloroethane	3.880	63	54122	4.70	ug/L	97
21) 2-Butanone	4.723	43	78850	34.15	ug/L	95
22) cis-1,2-Dichloroethene	4.681	96	29962	4.70	ug/L	94
23) Bromochloromethane	4.983	128	14307	4.72	ug/L	92
25) Chloroform	5.099	83	56780	4.70	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.803	62	40689	4.49	ug/L	97
29) 1,1,1-Trichloroethane	5.327	97	52286	4.67	ug/L	98
30) Cyclohexane	5.398	56	49422	4.42	ug/L	98
31) Carbon tetrachloride	5.536	117	45319	4.59	ug/L	98
33) Benzene	5.784	78	116197	4.61	ug/L	100
34) Trichloroethene	6.549	95	31380	4.49	ug/L	98
35) Methylcyclohexane	6.771	83	47584	4.48	ug/L	96
37) 1,2-Dichloropropane	6.800	63	31163	4.58	ug/L	99
38) Bromodichloromethane	7.115	83	41873	4.72	ug/L	99
39) cis-1,3-Dichloropropene	7.616	75	43672	4.41	ug/L	100
40) 4-Methyl-2-pentanone	7.803	43	267476	45.12	ug/L	95
42) Toluene	7.976	91	130103	4.74	ug/L	96
44) trans-1,3-Dichloropropene	8.218	75	40701	4.45	ug/L	100
45) 1,1,2-Trichloroethane	8.407	97	23067	4.60	ug/L	94
47) Tetrachloroethene	8.558	164	25437	4.47	ug/L	98
48) 2-Hexanone	8.693	43	197868	45.25	ug/L	96
49) Dibromochloromethane	8.819	129	29002	4.62	ug/L	91
50) 1,2-Dibromoethane	8.931	107	23288	4.71	ug/L	100
51) Chlorobenzene	9.455	112	81211	4.63	ug/L	100
52) Ethylbenzene	9.578	91	141167	4.56	ug/L	100
53) m,p-Xylene	9.703	106	52406	4.58	ug/L	93
54) o-Xylene	10.108	106	51467	4.64	ug/L	95
55) Styrene	10.121	104	88320	4.69	ug/L	99
56) Isopropylbenzene	10.491	105	142132	4.66	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.790	83	29902	4.45	ug/L	99
59) 1,2,3-Trichloropropane	10.832	75	22158	4.34	ug/L	99
61) Bromoform	10.301	173	18159	4.56	ug/L	100
62) 1,3-Dichlorobenzene	11.751	146	67514	4.44	ug/L	100
63) 1,4-Dichlorobenzene	11.844	146	69618	4.59	ug/L	100
65) 1,2-Dichlorobenzene	12.221	146	65977	4.51	ug/L	98
66) 1,2-Dibromo-3-chloropr...	13.002	75	5375	4.37	ug/L	87
67) 1,3,5-Trichlorobenzene	13.227	180	54316	4.12	ug/L	98
68) 1,2,4-trichlorobenzene	13.848	180	43265	3.96	ug/L	97
69) Naphthalene	14.095	128	70716	3.99	ug/L	99
70) 1,2,3-Trichlorobenzene	14.336	180	41645	4.20	ug/L	99

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

