

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012021\
 Data File : VU042120.D
 Acq On : 20 Jan 2021 21:01
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00520

Quant Time: Jan 21 04:28:08 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR012021WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jan 21 04:09:50 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	117933	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	109032	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.819	152	59206	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.601	65	36523	4.80	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.00%
7) Chloroethane-d5	1.916	69	27515	4.49	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.80%
11) 1,1-Dichloroethene-d2	2.572	63	84332	5.03	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	100.60%
20) 2-Butanone-d5	4.642	46	144272	51.97	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.94%
24) Chloroform-d	5.070	84	80396	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.20%
26) 1,2-Dichloroethane-d4	5.710	65	46676	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.20%
32) Benzene-d6	5.736	84	144954	5.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.80%
36) 1,2-Dichloropropane-d6	6.700	67	46431	5.06	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.20%
41) Toluene-d8	7.906	98	131534	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.80%
43) trans-1,3-Dichloroprop...	8.186	79	23064	4.96	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.20%
46) 2-Hexanone-d5	8.642	63	108981	53.77	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.54%
57) 1,1,2,2-Tetrachloroeth...	10.764	84	40479	5.14	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.80%
64) 1,2-Dichlorobenzene-d4	12.201	152	54611	5.13	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.60%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.385	85	57359	5.17	ug/L 100
3) Chloromethane	1.523	50	52327	5.29	ug/L 98
5) Vinyl chloride	1.607	62	49645	5.23	ug/L 99
6) Bromomethane	1.861	94	24553	4.37	ug/L 98
8) Chloroethane	1.938	64	26157	4.75	ug/L 99
9) Trichlorofluoromethane	2.141	101	64389	5.00	ug/L 100
10) 1,1,2-Trichloro-1,2,2-...	2.585	101	43307	5.21	ug/L 100
12) 1,1-Dichloroethene	2.585	96	40678	5.09	ug/L 94
13) Acetone	2.652	43	95497	51.65	ug/L 100
14) Carbon disulfide	2.797	76	137143	5.17	ug/L 100
15) Methyl Acetate	2.961	43	23432	5.37	ug/L 100
16) Methylene chloride	3.051	84	55325	5.88	ug/L 96
17) Methyl tert-butyl Ether	3.372	73	121260	5.24	ug/L 98
18) trans-1,2-Dichloroethene	3.359	96	43139	5.07	ug/L 98
19) 1,1-Dichloroethane	3.877	63	82735	5.27	ug/L 98
21) 2-Butanone	4.723	43	163116	52.66	ug/L 99
22) cis-1,2-Dichloroethene	4.674	96	46313	5.11	ug/L 100
23) Bromochloromethane	4.983	128	21810	5.21	ug/L 95
25) Chloroform	5.096	83	83413	5.15	ug/L 98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.803	62	61150	5.32	ug/L	99
29) 1,1,1-Trichloroethane	5.327	97	78405	5.45	ug/L	98
30) Cyclohexane	5.395	56	80425	5.21	ug/L	98
31) Carbon tetrachloride	5.533	117	68536	5.41	ug/L	98
33) Benzene	5.781	78	176204	5.49	ug/L	100
34) Trichloroethene	6.549	95	47312	5.47	ug/L	98
35) Methylcyclohexane	6.771	83	76002	5.24	ug/L	99
37) 1,2-Dichloropropane	6.800	63	46003	5.44	ug/L	99
38) Bromodichloromethane	7.115	83	63179	5.41	ug/L	99
39) cis-1,3-Dichloropropene	7.616	75	74035	5.33	ug/L	99
40) 4-Methyl-2-pentanone	7.800	43	391527	54.17	ug/L	100
42) Toluene	7.977	91	185900	5.35	ug/L	99
44) trans-1,3-Dichloropropene	8.218	75	64560	5.07	ug/L	99
45) 1,1,2-Trichloroethane	8.407	97	33988	5.43	ug/L	98
47) Tetrachloroethene	8.562	164	38410	5.34	ug/L	98
48) 2-Hexanone	8.694	43	280585	55.84	ug/L	100
49) Dibromochloromethane	8.819	129	43608	5.24	ug/L	100
50) 1,2-Dibromoethane	8.932	107	33677	5.22	ug/L	98
51) Chlorobenzene	9.456	112	115927	5.22	ug/L	99
52) Ethylbenzene	9.578	91	209236	5.26	ug/L	99
53) m,p-Xylene	9.700	106	78889	5.29	ug/L	97
54) o-Xylene	10.108	106	78035	5.40	ug/L	98
55) Styrene	10.121	104	132592	5.33	ug/L	100
56) Isopropylbenzene	10.491	105	211045	5.28	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.790	83	42841	5.36	ug/L	98
59) 1,2,3-Trichloropropane	10.832	75	32016	5.37	ug/L	99
61) Bromoform	10.298	173	28616	5.35	ug/L	98
62) 1,3-Dichlorobenzene	11.755	146	96030	5.20	ug/L	98
63) 1,4-Dichlorobenzene	11.845	146	96136	5.20	ug/L	98
65) 1,2-Dichlorobenzene	12.221	146	92761	5.40	ug/L	99
66) 1,2-Dibromo-3-chloropr...	13.005	75	8465	5.52	ug/L	98
67) 1,3,5-Trichlorobenzene	13.227	180	77352	5.23	ug/L	99
68) 1,2,4-trichlorobenzene	13.848	180	66160	5.66	ug/L	100
69) Naphthalene	14.095	128	119887	7.01	ug/L	100
70) 1,2,3-Trichlorobenzene	14.336	180	59980	5.79	ug/L	97

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

