

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020421\
 Data File : VU042259.D
 Acq On : 04 Feb 2021 09:50
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00508

Quant Time: Feb 05 02:19:22 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SOMUTR012021WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Feb 04 05:34:35 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.260	114	101670	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	95700	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.819	152	52269	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.604	65	29248	4.46	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.20%
7) Chloroethane-d5	1.919	69	25211	4.77	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.40%
11) 1,1-Dichloroethene-d2	2.575	63	74092	5.13	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	102.60%
20) 2-Butanone-d5	4.642	46	93287	38.98	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	77.96%
24) Chloroform-d	5.073	84	69850	5.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.00%
26) 1,2-Dichloroethane-d4	5.713	65	42020	5.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.60%
32) Benzene-d6	5.736	84	125876	5.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.80%
36) 1,2-Dichloropropane-d6	6.700	67	41693	5.17	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.40%
41) Toluene-d8	7.906	98	119843	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.40%
43) trans-1,3-Dichloroprop...	8.189	79	18278	4.47	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.40%
46) 2-Hexanone-d5	8.646	63	91091	51.21	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.42%
57) 1,1,2,2-Tetrachloroeth...	10.768	84	35829	5.18	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.60%
64) 1,2-Dichlorobenzene-d4	12.202	152	48018	5.11	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.20%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.389	85	41040	4.29	ug/L 100
3) Chloromethane	1.524	50	36548	4.28	ug/L 98
5) Vinyl chloride	1.607	62	38130	4.66	ug/L 99
6) Bromomethane	1.864	94	20910	4.32	ug/L 97
8) Chloroethane	1.942	64	22303	4.70	ug/L 100
9) Trichlorofluoromethane	2.144	101	58864	5.31	ug/L 100
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	37079	5.17	ug/L 99
12) 1,1-Dichloroethene	2.588	96	32712	4.75	ug/L 89
13) Acetone	2.652	43	59933	37.60	ug/L 99
14) Carbon disulfide	2.803	76	99735	4.36	ug/L 99
15) Methyl Acetate	2.961	43	15887	4.22	ug/L 96
16) Methylene chloride	3.054	84	35639	4.39	ug/L 96
17) Methyl tert-butyl Ether	3.372	73	94607	4.74	ug/L 99
18) trans-1,2-Dichloroethene	3.363	96	33323	4.55	ug/L 90
19) 1,1-Dichloroethane	3.880	63	68411	5.05	ug/L 99
21) 2-Butanone	4.726	43	105694	39.58	ug/L 99
22) cis-1,2-Dichloroethene	4.678	96	36955	4.73	ug/L 95
23) Bromochloromethane	4.987	128	18049	5.00	ug/L 95
25) Chloroform	5.099	83	70630	5.05	ug/L 98

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

27) 1,2-Dichloroethane	5.806	62	53748	5.42	ug/L #	95
29) 1,1,1-Trichloroethane	5.327	97	63318	5.02	ug/L	97
30) Cyclohexane	5.398	56	64207	4.74	ug/L	98
31) Carbon tetrachloride	5.536	117	55022	4.95	ug/L	98
33) Benzene	5.784	78	139760	4.96	ug/L	100
34) Trichloroethene	6.549	95	39362	5.18	ug/L	94
35) Methylcyclohexane	6.774	83	60955	4.78	ug/L	98
37) 1,2-Dichloropropane	6.800	63	38507	5.19	ug/L	98
38) Bromodichloromethane	7.115	83	51529	5.03	ug/L	96
39) cis-1,3-Dichloropropene	7.617	75	59117	4.85	ug/L	100
40) 4-Methyl-2-pentanone	7.803	43	339005	53.44	ug/L	97
42) Toluene	7.977	91	153766	5.04	ug/L	97
44) trans-1,3-Dichloropropene	8.218	75	53392	4.78	ug/L	98
45) 1,1,2-Trichloroethane	8.411	97	28173	5.13	ug/L	96
47) Tetrachloroethene	8.562	164	31234	4.95	ug/L	98
48) 2-Hexanone	8.697	43	251988	57.13	ug/L	96
49) Dibromochloromethane	8.819	129	36373	4.98	ug/L	94
50) 1,2-Dibromoethane	8.932	107	28678	5.06	ug/L #	99
51) Chlorobenzene	9.456	112	97047	4.98	ug/L	98
52) Ethylbenzene	9.578	91	173774	4.97	ug/L	98
53) m,p-Xylene	9.703	106	64257	4.91	ug/L	99
54) o-Xylene	10.108	106	63205	4.98	ug/L	96
55) Styrene	10.125	104	107536	4.92	ug/L	99
56) Isopropylbenzene	10.491	105	173790	4.96	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.790	83	37163	5.30	ug/L	98
59) 1,2,3-Trichloropropane	10.832	75	28572	5.46	ug/L	97
61) Bromoform	10.301	173	22477	4.76	ug/L	99
62) 1,3-Dichlorobenzene	11.755	146	81353	4.99	ug/L	98
63) 1,4-Dichlorobenzene	11.845	146	81685	5.01	ug/L	97
65) 1,2-Dichlorobenzene	12.221	146	80529	5.31	ug/L	99
66) 1,2-Dibromo-3-chloropr...	13.005	75	7174	5.30	ug/L	87
67) 1,3,5-Trichlorobenzene	13.227	180	69057	5.29	ug/L	99
68) 1,2,4-trichlorobenzene	13.851	180	57776	5.60	ug/L	98
69) Naphthalene	14.095	128	95963	6.35	ug/L	100
70) 1,2,3-Trichlorobenzene	14.340	180	53005	5.80	ug/L	99

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

