

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020921\
 Data File : VU042294.D
 Acq On : 09 Feb 2021 13:38
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00512

Quant Time: Feb 10 02:25:18 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SOMUTR012021WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Feb 09 00:18:31 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.259	114	108187	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	102357	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.822	152	55710	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	30770	4.41	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.20%
7) Chloroethane-d5	1.919	69	27944	4.97	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.40%
11) 1,1-Dichloroethene-d2	2.575	63	77463	5.04	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	100.80%
20) 2-Butanone-d5	4.652	46	118286	46.45	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.90%
24) Chloroform-d	5.076	84	78519	5.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.80%
26) 1,2-Dichloroethane-d4	5.713	65	47447	5.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.80%
32) Benzene-d6	5.739	84	137038	5.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.60%
36) 1,2-Dichloropropane-d6	6.700	67	46116	5.35	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.00%
41) Toluene-d8	7.909	98	129091	5.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.20%
43) trans-1,3-Dichloroprop...	8.189	79	19994	4.58	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.60%
46) 2-Hexanone-d5	8.645	63	101605	53.40	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.80%
57) 1,1,2,2-Tetrachloroeth...	10.767	84	41229	5.58	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	111.60%
64) 1,2-Dichlorobenzene-d4	12.205	152	52838	5.28	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.60%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	42436	4.17	ug/L	98
3) Chloromethane	1.523	50	39268	4.32	ug/L	98
5) Vinyl chloride	1.607	62	40060	4.60	ug/L	98
6) Bromomethane	1.864	94	23274	4.51	ug/L	97
8) Chloroethane	1.941	64	24462	4.84	ug/L	96
9) Trichlorofluoromethane	2.144	101	62671	5.31	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.591	101	38419	5.03	ug/L	99
12) 1,1-Dichloroethene	2.588	96	34162	4.66	ug/L	86
13) Acetone	2.662	43	67403	39.74	ug/L	98
14) Carbon disulfide	2.800	76	102754	4.22	ug/L	99
15) Methyl Acetate	2.964	43	15958	3.99	ug/L	98
16) Methylene chloride	3.057	84	38160	4.42	ug/L	97
17) Methyl tert-butyl Ether	3.375	73	103096	4.86	ug/L	98
18) trans-1,2-Dichloroethene	3.362	96	35586	4.56	ug/L	92
19) 1,1-Dichloroethane	3.880	63	73727	5.11	ug/L	98
21) 2-Butanone	4.729	43	154364	54.33	ug/L	88
22) cis-1,2-Dichloroethene	4.678	96	39730	4.78	ug/L	97
23) Bromochloromethane	4.986	128	18807	4.89	ug/L	96
25) Chloroform	5.099	83	74978	5.04	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.806	62	54610	5.18	ug/L	97
29) 1,1,1-Trichloroethane	5.327	97	68353	5.06	ug/L	98
30) Cyclohexane	5.398	56	66506	4.59	ug/L	99
31) Carbon tetrachloride	5.536	117	58945	4.96	ug/L	99
33) Benzene	5.784	78	151647	5.03	ug/L	100
34) Trichloroethene	6.552	95	40910	5.04	ug/L	98
35) Methylcyclohexane	6.774	83	64720	4.75	ug/L	98
37) 1,2-Dichloropropane	6.803	63	41207	5.19	ug/L	98
38) Bromodichloromethane	7.115	83	55398	5.05	ug/L	98
39) cis-1,3-Dichloropropene	7.616	75	62641	4.80	ug/L	99
40) 4-Methyl-2-pentanone	7.803	43	362522	53.43	ug/L	98
42) Toluene	7.980	91	165383	5.07	ug/L	97
44) trans-1,3-Dichloropropene	8.221	75	58374	4.88	ug/L	100
45) 1,1,2-Trichloroethane	8.410	97	30401	5.18	ug/L	95
47) Tetrachloroethene	8.562	164	32955	4.88	ug/L	99
48) 2-Hexanone	8.697	43	270959	57.44	ug/L	96
49) Dibromochloromethane	8.819	129	38431	4.92	ug/L	96
50) 1,2-Dibromoethane	8.935	107	30461	5.03	ug/L	97
51) Chlorobenzene	9.455	112	103286	4.95	ug/L	99
52) Ethylbenzene	9.581	91	183837	4.92	ug/L	99
53) m,p-Xylene	9.703	106	67939	4.85	ug/L	93
54) o-Xylene	10.111	106	67249	4.95	ug/L	97
55) Styrene	10.124	104	114248	4.89	ug/L	100
56) Isopropylbenzene	10.494	105	185810	4.96	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.793	83	39580	5.28	ug/L	99
59) 1,2,3-Trichloropropane	10.832	75	29989	5.35	ug/L	99
61) Bromoform	10.301	173	24405	4.84	ug/L	99
62) 1,3-Dichlorobenzene	11.754	146	85409	4.91	ug/L	99
63) 1,4-Dichlorobenzene	11.844	146	86138	4.95	ug/L	98
65) 1,2-Dichlorobenzene	12.221	146	84568	5.23	ug/L	100
66) 1,2-Dibromo-3-chloropr...	13.008	75	7677	5.32	ug/L	86
67) 1,3,5-Trichlorobenzene	13.230	180	72577	5.22	ug/L	99
68) 1,2,4-trichlorobenzene	13.851	180	59701	5.42	ug/L	99
69) Naphthalene	14.095	128	100036	6.21	ug/L	99
70) 1,2,3-Trichlorobenzene	14.339	180	55152	5.66	ug/L	99

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

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