

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031321\
 Data File : VU042604.D
 Acq On : 12 Mar 2021 11:49
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00526

Quant Time: Mar 13 05:19:27 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SOMUTR030221WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Mar 12 02:42:43 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.260	114	82570	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	83356	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.819	152	44185	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	23796	4.32	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.40%
7) Chloroethane-d5	1.919	69	21138	5.07	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.40%
11) 1,1-Dichloroethene-d2	2.578	63	60370	4.86	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.20%
20) 2-Butanone-d5	4.645	46	76887	42.54	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	85.08%
24) Chloroform-d	5.076	84	55839	5.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.60%
26) 1,2-Dichloroethane-d4	5.713	65	34299	5.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.40%
32) Benzene-d6	5.739	84	97521	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.40%
36) 1,2-Dichloropropane-d6	6.700	67	31392	4.76	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.20%
41) Toluene-d8	7.906	98	99840	5.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.00%
43) trans-1,3-Dichloroprop...	8.189	79	14040	4.56	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.20%
46) 2-Hexanone-d5	8.645	63	65056	44.11	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.22%
57) 1,1,2,2-Tetrachloroeth...	10.767	84	28437	4.84	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.80%
64) 1,2-Dichlorobenzene-d4	12.201	152	38939	4.86	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.20%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	38066	4.95	ug/L	99
3) Chloromethane	1.523	50	35266	4.85	ug/L	99
5) Vinyl chloride	1.607	62	35510	4.86	ug/L	97
6) Bromomethane	1.864	94	22305	5.53	ug/L	98
8) Chloroethane	1.941	64	22747	5.22	ug/L	99
9) Trichlorofluoromethane	2.144	101	64768	5.43	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	32736	5.23	ug/L	95
12) 1,1-Dichloroethene	2.588	96	29542	5.08	ug/L	88
13) Acetone	2.655	43	52424	37.64	ug/L	97
14) Carbon disulfide	2.803	76	84597	4.57	ug/L	99
15) Methyl Acetate	2.964	43	13479	3.89	ug/L	99
16) Methylene chloride	3.057	84	32910	4.72	ug/L	98
17) Methyl tert-butyl Ether	3.372	73	77180	4.72	ug/L	99
18) trans-1,2-Dichloroethene	3.366	96	30189	4.94	ug/L	100
19) 1,1-Dichloroethane	3.883	63	60476	5.13	ug/L	97
21) 2-Butanone	4.726	43	101401	42.83	ug/L	93
22) cis-1,2-Dichloroethene	4.678	96	32844	5.02	ug/L	99
23) Bromochloromethane	4.990	128	16357	5.26	ug/L	98
25) Chloroform	5.099	83	64282	5.19	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.806	62	46511	5.00	ug/L	95
29) 1,1,1-Trichloroethane	5.327	97	56715	4.89	ug/L	97
30) Cyclohexane	5.398	56	52860	4.57	ug/L	98
31) Carbon tetrachloride	5.536	117	49260	4.82	ug/L	99
33) Benzene	5.784	78	128893	4.94	ug/L	100
34) Trichloroethene	6.552	95	35057	4.85	ug/L	96
35) Methylcyclohexane	6.774	83	51575	4.69	ug/L	98
37) 1,2-Dichloropropane	6.800	63	35431	5.03	ug/L	98
38) Bromodichloromethane	7.115	83	44756	4.87	ug/L	99
39) cis-1,3-Dichloropropene	7.616	75	49326	4.81	ug/L	97
40) 4-Methyl-2-pentanone	7.803	43	297698	48.49	ug/L	95
42) Toluene	7.977	91	142548	5.01	ug/L	96
44) trans-1,3-Dichloropropene	8.218	75	44749	4.73	ug/L	98
45) 1,1,2-Trichloroethane	8.411	97	25578	4.93	ug/L	95
47) Tetrachloroethene	8.562	164	29233	4.96	ug/L	97
48) 2-Hexanone	8.697	43	217507	48.02	ug/L	96
49) Dibromochloromethane	8.819	129	31562	4.86	ug/L	94
50) 1,2-Dibromoethane	8.935	107	25548	4.99	ug/L	99
51) Chlorobenzene	9.456	112	89566	4.93	ug/L	98
52) Ethylbenzene	9.578	91	154979	4.84	ug/L	99
53) m,p-Xylene	9.703	106	59248	5.00	ug/L	99
54) o-Xylene	10.108	106	57982	5.05	ug/L	99
55) Styrene	10.124	104	99790	5.11	ug/L	98
56) Isopropylbenzene	10.494	105	158741	5.03	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.790	83	33097	4.76	ug/L	97
59) 1,2,3-Trichloropropane	10.832	75	25263	4.77	ug/L	99
61) Bromoform	10.301	173	20091	5.04	ug/L	97
62) 1,3-Dichlorobenzene	11.755	146	77183	5.06	ug/L	98
63) 1,4-Dichlorobenzene	11.845	146	75848	4.99	ug/L	99
65) 1,2-Dichlorobenzene	12.221	146	74990	5.11	ug/L	97
66) 1,2-Dibromo-3-chloropr...	13.005	75	5514	4.47	ug/L	95
67) 1,3,5-Trichlorobenzene	13.227	180	62318	4.72	ug/L	99
68) 1,2,4-trichlorobenzene	13.851	180	49643	4.54	ug/L	99
69) Naphthalene	14.095	128	78181	4.40	ug/L	100
70) 1,2,3-Trichlorobenzene	14.340	180	45438	4.58	ug/L	95

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

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