

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012621\
 Data File : VU042196.D
 Acq On : 26 Jan 2021 13:22
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00599

Quant Time: Jan 27 04:04:29 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR012021WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Jan 23 06:18:59 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	101557	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	96759	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.822	152	53020	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	24685	3.77	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.40%
7) Chloroethane-d5	1.919	69	21633	4.10	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.00%
11) 1,1-Dichloroethene-d2	2.575	63	63368	4.39	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.80%
20) 2-Butanone-d5	4.646	46	99340	41.56	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	83.12%
24) Chloroform-d	5.073	84	65337	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.60%
26) 1,2-Dichloroethane-d4	5.713	65	38386	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.80%
32) Benzene-d6	5.735	84	114282	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.40%
36) 1,2-Dichloropropane-d6	6.700	67	38245	4.69	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.80%
41) Toluene-d8	7.906	98	110790	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.80%
43) trans-1,3-Dichloroprop...	8.189	79	18745	4.54	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.80%
46) 2-Hexanone-d5	8.642	63	85791	47.70	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.40%
57) 1,1,2,2-Tetrachloroeth...	10.764	84	33211	4.75	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.00%
64) 1,2-Dichlorobenzene-d4	12.201	152	46004	4.83	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.60%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	45849	4.79	ug/L	99
3) Chloromethane	1.523	50	41662	4.89	ug/L	99
5) Vinyl chloride	1.607	62	40573	4.97	ug/L	98
6) Bromomethane	1.861	94	22579	4.66	ug/L	100
8) Chloroethane	1.938	64	23732	5.00	ug/L	98
9) Trichlorofluoromethane	2.144	101	59603	5.38	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	36856	5.15	ug/L	99
12) 1,1-Dichloroethene	2.588	96	34154	4.96	ug/L	96
13) Acetone	2.655	43	56320	35.37	ug/L	99
14) Carbon disulfide	2.800	76	113655	4.98	ug/L	99
15) Methyl Acetate	2.964	43	18573	4.94	ug/L	97
16) Methylene chloride	3.051	84	39014	4.81	ug/L	100
17) Methyl tert-butyl Ether	3.372	73	96008	4.82	ug/L	99
18) trans-1,2-Dichloroethene	3.363	96	36420	4.97	ug/L	97
19) 1,1-Dichloroethane	3.880	63	70029	5.18	ug/L	99
21) 2-Butanone	4.726	43	117282	43.97	ug/L	95
22) cis-1,2-Dichloroethene	4.678	96	38035	4.87	ug/L	97
23) Bromochloromethane	4.986	128	18176	5.04	ug/L	95
25) Chloroform	5.099	83	70837	5.07	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.803	62	50719	5.12	ug/L	97
29) 1,1,1-Trichloroethane	5.327	97	66020	5.17	ug/L	99
30) Cyclohexane	5.398	56	68011	4.96	ug/L	99
31) Carbon tetrachloride	5.533	117	57827	5.15	ug/L	99
33) Benzene	5.784	78	146901	5.16	ug/L	100
34) Trichloroethene	6.549	95	39867	5.19	ug/L	98
35) Methylcyclohexane	6.771	83	64598	5.01	ug/L	99
37) 1,2-Dichloropropane	6.800	63	38782	5.17	ug/L	99
38) Bromodichloromethane	7.115	83	53078	5.12	ug/L	97
39) cis-1,3-Dichloropropene	7.616	75	62111	5.03	ug/L	99
40) 4-Methyl-2-pentanone	7.803	43	329661	51.40	ug/L	100
42) Toluene	7.977	91	157261	5.10	ug/L	99
44) trans-1,3-Dichloropropene	8.218	75	55763	4.93	ug/L	97
45) 1,1,2-Trichloroethane	8.411	97	28987	5.22	ug/L	98
47) Tetrachloroethene	8.562	164	33020	5.17	ug/L	97
48) 2-Hexanone	8.697	43	240941	54.03	ug/L	98
49) Dibromochloromethane	8.819	129	36883	5.00	ug/L	99
50) 1,2-Dibromoethane	8.931	107	28798	5.03	ug/L	99
51) Chlorobenzene	9.456	112	99943	5.07	ug/L	99
52) Ethylbenzene	9.578	91	180130	5.10	ug/L	99
53) m,p-Xylene	9.703	106	67572	5.11	ug/L	100
54) o-Xylene	10.108	106	65836	5.13	ug/L	99
55) Styrene	10.121	104	111497	5.05	ug/L	100
56) Isopropylbenzene	10.491	105	179771	5.07	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.790	83	35370	4.99	ug/L	96
59) 1,2,3-Trichloropropane	10.832	75	26910	5.08	ug/L	99
61) Bromoform	10.298	173	23468	4.90	ug/L	99
62) 1,3-Dichlorobenzene	11.755	146	83029	5.02	ug/L	97
63) 1,4-Dichlorobenzene	11.845	146	83046	5.02	ug/L	98
65) 1,2-Dichlorobenzene	12.221	146	78534	5.11	ug/L	99
66) 1,2-Dibromo-3-chloropr...	13.005	75	7075	5.15	ug/L	89
67) 1,3,5-Trichlorobenzene	13.227	180	66937	5.06	ug/L	98
68) 1,2,4-trichlorobenzene	13.851	180	55880	5.34	ug/L	99
69) Naphthalene	14.095	128	95023	6.20	ug/L	100
70) 1,2,3-Trichlorobenzene	14.340	180	52194	5.63	ug/L	99

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

