

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031221\
 Data File : VU042598.D
 Acq On : 12 Mar 2021 05:57
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00524

Quant Time: Mar 12 06:18:44 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	81038	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	80948	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.819	152	42478	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.601	65	25673	4.75	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.00%
7) Chloroethane-d5	1.919	69	21153	5.17	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.40%
11) 1,1-Dichloroethene-d2	2.575	63	60269	4.94	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	98.80%
20) 2-Butanone-d5	4.646	46	72149	40.67	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	81.34%
24) Chloroform-d	5.073	84	54834	5.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.60%
26) 1,2-Dichloroethane-d4	5.713	65	34577	5.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.20%
32) Benzene-d6	5.739	84	96914	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.60%
36) 1,2-Dichloropropane-d6	6.700	67	31004	4.84	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.80%
41) Toluene-d8	7.906	98	98968	5.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.20%
43) trans-1,3-Dichloroprop...	8.189	79	12844	4.29	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.80%
46) 2-Hexanone-d5	8.646	63	64716	45.19	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.38%
57) 1,1,2,2-Tetrachloroeth...	10.764	84	28488	4.99	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.80%
64) 1,2-Dichlorobenzene-d4	12.202	152	38541	5.00	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.00%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.389	85	35853	4.75	ug/L 99
3) Chloromethane	1.524	50	33727	4.72	ug/L 99
5) Vinyl chloride	1.607	62	34188	4.77	ug/L 98
6) Bromomethane	1.864	94	21112	5.34	ug/L 97
8) Chloroethane	1.938	64	22513	5.26	ug/L 95
9) Trichlorofluoromethane	2.144	101	60418	5.16	ug/L 100
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	29666	4.83	ug/L 95
12) 1,1-Dichloroethene	2.588	96	28177	4.93	ug/L 91
13) Acetone	2.652	43	51287	37.52	ug/L 98
14) Carbon disulfide	2.800	76	78923	4.34	ug/L 99
15) Methyl Acetate	2.964	43	12576	3.70	ug/L 99
16) Methylene chloride	3.054	84	30861	4.51	ug/L 96
17) Methyl tert-butyl Ether	3.372	73	72996	4.55	ug/L 98
18) trans-1,2-Dichloroethene	3.363	96	28041	4.67	ug/L 97
19) 1,1-Dichloroethane	3.880	63	56539	4.88	ug/L 99
21) 2-Butanone	4.723	43	111886	48.15	ug/L 92
22) cis-1,2-Dichloroethene	4.678	96	31013	4.83	ug/L 100
23) Bromochloromethane	4.983	128	14998	4.91	ug/L 89
25) Chloroform	5.099	83	60313	4.96	ug/L 99

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

27) 1,2-Dichloroethane	5.803	62	45081	4.94	ug/L #	93
29) 1,1,1-Trichloroethane	5.327	97	53588	4.76	ug/L	96
30) Cyclohexane	5.398	56	49113	4.37	ug/L	97
31) Carbon tetrachloride	5.536	117	46086	4.64	ug/L	98
33) Benzene	5.784	78	120602	4.76	ug/L	100
34) Trichloroethene	6.552	95	32425	4.62	ug/L	96
35) Methylcyclohexane	6.771	83	45267	4.24	ug/L	97
37) 1,2-Dichloropropane	6.800	63	33324	4.87	ug/L	99
38) Bromodichloromethane	7.115	83	42803	4.80	ug/L	97
39) cis-1,3-Dichloropropene	7.617	75	42202	4.23	ug/L	99
40) 4-Methyl-2-pentanone	7.803	43	278023	46.63	ug/L	96
42) Toluene	7.977	91	133836	4.84	ug/L	97
44) trans-1,3-Dichloropropene	8.218	75	39858	4.34	ug/L	99
45) 1,1,2-Trichloroethane	8.408	97	24741	4.91	ug/L	98
47) Tetrachloroethene	8.562	164	26074	4.55	ug/L	98
48) 2-Hexanone	8.694	43	203392	46.24	ug/L	95
49) Dibromochloromethane	8.816	129	30388	4.82	ug/L	98
50) 1,2-Dibromoethane	8.932	107	24571	4.94	ug/L	97
51) Chlorobenzene	9.456	112	82223	4.66	ug/L	99
52) Ethylbenzene	9.578	91	142332	4.57	ug/L	100
53) m,p-Xylene	9.700	106	53483	4.65	ug/L	98
54) o-Xylene	10.108	106	53278	4.78	ug/L	94
55) Styrene	10.121	104	91264	4.82	ug/L	98
56) Isopropylbenzene	10.491	105	143665	4.69	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.790	83	32014	4.74	ug/L	99
59) 1,2,3-Trichloropropane	10.832	75	24859	4.84	ug/L	98
61) Bromoform	10.298	173	17846	4.65	ug/L	97
62) 1,3-Dichlorobenzene	11.755	146	70224	4.79	ug/L	99
63) 1,4-Dichlorobenzene	11.845	146	70351	4.82	ug/L	99
65) 1,2-Dichlorobenzene	12.221	146	69063	4.90	ug/L	99
66) 1,2-Dibromo-3-chloropr...	13.005	75	5612	4.73	ug/L	94
67) 1,3,5-Trichlorobenzene	13.227	180	55145	4.34	ug/L	99
68) 1,2,4-trichlorobenzene	13.848	180	43820	4.17	ug/L	98
69) Naphthalene	14.095	128	74507	4.36	ug/L	100
70) 1,2,3-Trichlorobenzene	14.337	180	43105	4.52	ug/L	98

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

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