

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU021320\
 Data File : VU036777.D
 Acq On : 13 Feb 2020 17:23
 Operator : JC/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00517

Quant Time: Feb 14 00:20:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Feb 14 00:15:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	132881	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	123323	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	57997	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	45817	4.01	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.20%
7) Chloroethane-d5	1.93	69	42838	4.32	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.40%
11) 1,1-Dichloroethene-d2	2.59	63	85356	4.47	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.40%
20) 2-Butanone-d5	4.67	46	127920	53.38	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.76%
24) Chloroform-d	5.11	84	85502	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.00%
26) 1,2-Dichloroethane-d4	5.74	65	47173	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.40%
32) Benzene-d6	5.76	84	178768	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.40%
36) 1,2-Dichloropropane-d6	6.73	67	58018	4.88	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.60%
41) Toluene-d8	7.92	98	166795	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.60%
43) trans-1,3-Dichloropropene-	8.20	79	21042	4.55	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.00%
46) 2-Hexanone-d5	8.66	63	110333	52.23	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.46%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	44699	4.76	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.20%
64) 1,2-Dichlorobenzene-d4	12.21	152	55479	4.79	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.80%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.39	85	42578	4.852	ug/L 100
3) Chloromethane	1.54	50	43387	4.750	ug/L 97
5) Vinyl chloride	1.62	62	48470	4.543	ug/L 100
6) Bromomethane	1.87	94	26925	4.200	ug/L 96
8) Chloroethane	1.95	64	30891	4.145	ug/L 96
9) Trichlorofluoromethane	2.16	101	66389	4.730	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	42494	4.741	ug/L 99
12) 1,1-Dichloroethene	2.60	96	39533	4.891	ug/L 93
13) Acetone	2.66	43	109519	35.739	ug/L 100
14) Carbon disulfide	2.82	76	86555	4.438	ug/L 98
15) Methyl Acetate	2.98	43	20775	5.109	ug/L 99
16) Methylene chloride	3.08	84	46240	3.394	ug/L 100
17) Methyl tert-butyl Ether	3.41	73	119336	4.985	ug/L 99
18) trans-1,2-Dichloroethene	3.39	96	40947	4.909	ug/L 99
19) 1,1-Dichloroethane	3.91	63	85973	4.915	ug/L 98
21) 2-Butanone	4.75	43	154232	43.267	ug/L 99
22) cis-1,2-Dichloroethene	4.71	96	49967	4.950	ug/L 95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	5.02	128	19955	4.973	ug/L	94
25) Chloroform	5.13	83	88334	4.729	ug/L	98
27) 1,2-Dichloroethane	5.83	62	57977	4.869	ug/L	100
29) 1,1,1-Trichloroethane	5.36	97	67643	4.994	ug/L	99
30) Cyclohexane	5.43	56	72141	5.014	ug/L	98
31) Carbon tetrachloride	5.56	117	52048	4.763	ug/L	98
33) Benzene	5.81	78	186925	4.914	ug/L	100
34) Trichloroethene	6.57	95	47286	4.881	ug/L	97
35) Methylcyclohexane	6.79	83	75083	4.884	ug/L	96
37) 1,2-Dichloropropane	6.83	63	51076	4.918	ug/L	99
38) Bromodichloromethane	7.14	83	60302	4.865	ug/L	97
39) cis-1,3-Dichloropropene	7.64	75	75677	5.036	ug/L	99
40) 4-Methyl-2-pentanone	7.82	43	344891	51.459	ug/L	99
42) Toluene	8.00	91	203923	4.992	ug/L	99
44) trans-1,3-Dichloropropene	8.24	75	58760	5.003	ug/L	99
45) 1,1,2-Trichloroethane	8.43	97	36395	5.037	ug/L	97
47) Tetrachloroethene	8.58	164	32237	4.891	ug/L	97
48) 2-Hexanone	8.71	43	268772	46.860	ug/L	99
49) Dibromochloromethane	8.83	129	38023	5.088	ug/L	96
50) 1,2-Dibromoethane	8.95	107	32141	4.925	ug/L	98
51) Chlorobenzene	9.47	112	126983	5.024	ug/L	99
52) Ethylbenzene	9.59	91	229032	5.020	ug/L	100
53) m,p-Xylene	9.72	106	84522	5.033	ug/L	97
54) o-Xylene	10.12	106	82693	5.015	ug/L	95
55) Styrene	10.13	104	139096	5.004	ug/L	99
56) Isopropylbenzene	10.50	105	227519	5.156	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.80	83	47436	5.015	ug/L	99
59) 1,2,3-Trichloropropane	10.84	75	33899	4.943	ug/L	100
61) Bromoform	10.31	173	19816	4.959	ug/L	95
62) 1,3-Dichlorobenzene	11.76	146	96197	4.814	ug/L	100
63) 1,4-Dichlorobenzene	11.85	146	96056	4.849	ug/L	99
65) 1,2-Dichlorobenzene	12.23	146	94168	4.888	ug/L	99
66) 1,2-Dibromo-3-chloropropan	13.02	75	6997	4.867	ug/L #	84
67) 1,3,5-Trichlorobenzene	13.24	180	70757	5.030	ug/L	99
68) 1,2,4-trichlorobenzene	13.87	180	59857	5.643	ug/L	98
69) Naphthalene	14.12	128	421400	21.926	ug/L	99
70) 1,2,3-Trichlorobenzene	14.37	180	54696	5.745	ug/L	99

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

