

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU031420\
 Data File : VU037284.D
 Acq On : 15 Mar 2020 00:00
 Operator : JC/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00511

Quant Time: Mar 16 05:21:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR031120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Mar 16 05:16:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	125564	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	127950	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	63848	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	39359	4.77	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.40%
7) Chloroethane-d5	1.93	69	33582	5.77	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	115.40%
11) 1,1-Dichloroethene-d2	2.59	63	80862	4.76	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.20%
20) 2-Butanone-d5	4.67	46	111029	52.64	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.28%
24) Chloroform-d	5.11	84	89209	5.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.80%
26) 1,2-Dichloroethane-d4	5.74	65	50584	5.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.40%
32) Benzene-d6	5.76	84	153509	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.60%
36) 1,2-Dichloropropane-d6	6.72	67	49259	4.84	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.80%
41) Toluene-d8	7.92	98	151496	5.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.80%
43) trans-1,3-Dichloropropene-	8.20	79	22898	5.58	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	111.60%
46) 2-Hexanone-d5	8.66	63	95269	55.73	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	111.46%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	43308	5.18	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.60%
64) 1,2-Dichlorobenzene-d4	12.21	152	56778	5.15	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.00%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.39	85	76226	4.714	ug/L 100
3) Chloromethane	1.54	50	72024	5.221	ug/L 99
5) Vinyl chloride	1.62	62	66177	5.357	ug/L 96
6) Bromomethane	1.87	94	35256	7.593	ug/L 99
8) Chloroethane	1.95	64	36879	5.824	ug/L 100
9) Trichlorofluoromethane	2.16	101	99213	5.659	ug/L 97
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	45405	5.010	ug/L 100
12) 1,1-Dichloroethene	2.60	96	41769	5.096	ug/L 95
13) Acetone	2.66	43	79535	46.020	ug/L 94
14) Carbon disulfide	2.82	76	130540	4.801	ug/L 99
15) Methyl Acetate	2.98	43	20321	5.024	ug/L 96
16) Methylene chloride	3.08	84	46696	4.745	ug/L 99
17) Methyl tert-butyl Ether	3.40	73	115835	5.261	ug/L 96
18) trans-1,2-Dichloroethene	3.39	96	44084	5.087	ug/L 96
19) 1,1-Dichloroethane	3.91	63	91302	5.205	ug/L 98
21) 2-Butanone	4.75	43	135730	49.891	ug/L 95
22) cis-1,2-Dichloroethene	4.71	96	50127	5.256	ug/L 96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	5.02	128	22805	5.456	ug/L	91
25) Chloroform	5.13	83	98321	5.138	ug/L	99
27) 1,2-Dichloroethane	5.83	62	67943	5.094	ug/L	99
29) 1,1,1-Trichloroethane	5.36	97	86680	5.290	ug/L	98
30) Cyclohexane	5.42	56	76254	4.811	ug/L	98
31) Carbon tetrachloride	5.56	117	77722	5.475	ug/L	97
33) Benzene	5.81	78	194486	5.141	ug/L	100
34) Trichloroethene	6.57	95	52637	5.152	ug/L	98
35) Methylcyclohexane	6.79	83	76111	4.820	ug/L	97
37) 1,2-Dichloropropane	6.83	63	51261	5.149	ug/L	99
38) Bromodichloromethane	7.14	83	70077	5.306	ug/L	97
39) cis-1,3-Dichloropropene	7.64	75	73748	5.161	ug/L	98
40) 4-Methyl-2-pentanone	7.82	43	339986	48.263	ug/L	97
42) Toluene	8.00	91	215297	5.301	ug/L	98
44) trans-1,3-Dichloropropene	8.24	75	62347	5.231	ug/L	94
45) 1,1,2-Trichloroethane	8.43	97	35454	4.936	ug/L	92
47) Tetrachloroethene	8.58	164	40732	5.127	ug/L	98
48) 2-Hexanone	8.71	43	248698	50.637	ug/L	98
49) Dibromochloromethane	8.83	129	47362	5.475	ug/L	96
50) 1,2-Dibromoethane	8.95	107	36369	5.340	ug/L #	97
51) Chlorobenzene	9.47	112	131501	5.029	ug/L	99
52) Ethylbenzene	9.59	91	235174	5.237	ug/L	98
53) m,p-Xylene	9.71	106	84736	5.249	ug/L	98
54) o-Xylene	10.12	106	85174	5.411	ug/L	97
55) Styrene	10.13	104	142433	5.518	ug/L	97
56) Isopropylbenzene	10.50	105	232966	5.515	ug/L	98
58) 1,1,1,2,2-Tetrachloroethane	10.80	83	46665	5.261	ug/L	93
59) 1,2,3-Trichloropropane	10.84	75	35055	4.921	ug/L	96
61) Bromoform	10.31	173	27881	5.723	ug/L #	98
62) 1,3-Dichlorobenzene	11.76	146	105145	5.025	ug/L	98
63) 1,4-Dichlorobenzene	11.85	146	101501	4.885	ug/L	99
65) 1,2-Dichlorobenzene	12.23	146	101461	5.115	ug/L	100
66) 1,2-Dibromo-3-chloropropan	13.02	75	7642	5.018	ug/L	94
67) 1,3,5-Trichlorobenzene	13.24	180	77498	5.411	ug/L	98
68) 1,2,4-trichlorobenzene	13.87	180	51050	5.256	ug/L	97
69) Naphthalene	14.12	128	66604	4.801	ug/L	100
70) 1,2,3-Trichlorobenzene	14.36	180	50445	5.535	ug/L	97

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

