

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU022120\
 Data File : VU036876.D
 Acq On : 21 Feb 2020 13:04
 Operator : JC/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00529

Quant Time: Feb 22 00:08:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Feb 22 00:05:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	134825	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	125465	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	56497	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	48920	4.22	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.40%
7) Chloroethane-d5	1.93	69	46390	4.61	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.20%
11) 1,1-Dichloroethene-d2	2.59	63	87084	4.50	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.00%
20) 2-Butanone-d5	4.68	46	134562	55.34	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.68%
24) Chloroform-d	5.11	84	89180	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.60%
26) 1,2-Dichloroethane-d4	5.74	65	48660	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.00%
32) Benzene-d6	5.76	84	186256	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.60%
36) 1,2-Dichloropropane-d6	6.73	67	60387	4.99	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.80%
41) Toluene-d8	7.93	98	170261	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.00%
43) trans-1,3-Dichloropropene-	8.21	79	21998	4.67	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.40%
46) 2-Hexanone-d5	8.66	63	111940	52.09	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.18%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	48162	5.04	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.80%
64) 1,2-Dichlorobenzene-d4	12.21	152	53605	4.75	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.00%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.39	85	42602	4.785 ug/L	99
3) Chloromethane	1.53	50	47709	5.148 ug/L	98
5) Vinyl chloride	1.62	62	51747	4.780 ug/L	97
6) Bromomethane	1.87	94	25357	3.898 ug/L	97
8) Chloroethane	1.95	64	34846	4.608 ug/L	99
9) Trichlorofluoromethane	2.16	101	65838	4.623 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	42401	4.662 ug/L	99
12) 1,1-Dichloroethene	2.60	96	38943	4.749 ug/L	95
13) Acetone	2.67	43	159397	51.266 ug/L	99
14) Carbon disulfide	2.82	76	87782	4.436 ug/L	100
15) Methyl Acetate	2.99	43	19969	4.840 ug/L	97
16) Methylene chloride	3.08	84	49519	3.582 ug/L	99
17) Methyl tert-butyl Ether	3.41	73	121302	4.994 ug/L	98
18) trans-1,2-Dichloroethene	3.39	96	40651	4.803 ug/L	98
19) 1,1-Dichloroethane	3.91	63	88188	4.969 ug/L	99
21) 2-Butanone	4.76	43	189341	52.350 ug/L	99
22) cis-1,2-Dichloroethene	4.71	96	50350	4.916 ug/L	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	5.02	128	20404	5.012	ug/L	97
25) Chloroform	5.13	83	88973	4.694	ug/L	99
27) 1,2-Dichloroethane	5.83	62	58530	4.845	ug/L	99
29) 1,1,1-Trichloroethane	5.36	97	67247	4.880	ug/L	99
30) Cyclohexane	5.42	56	71286	4.870	ug/L	97
31) Carbon tetrachloride	5.56	117	50817	4.571	ug/L	99
33) Benzene	5.81	78	191583	4.951	ug/L	100
34) Trichloroethene	6.57	95	47860	4.856	ug/L	98
35) Methylcyclohexane	6.79	83	75026	4.797	ug/L	97
37) 1,2-Dichloropropane	6.83	63	53139	5.029	ug/L	99
38) Bromodichloromethane	7.14	83	61244	4.857	ug/L	96
39) cis-1,3-Dichloropropene	7.64	75	76531	5.005	ug/L	99
40) 4-Methyl-2-pentanone	7.83	43	351700	51.579	ug/L	100
42) Toluene	8.00	91	206559	4.970	ug/L	97
44) trans-1,3-Dichloropropene	8.24	75	58966	4.935	ug/L	99
45) 1,1,2-Trichloroethane	8.43	97	36948	5.026	ug/L	97
47) Tetrachloroethene	8.58	164	30256	4.512	ug/L	97
48) 2-Hexanone	8.72	43	302604	51.858	ug/L	99
49) Dibromochloromethane	8.84	129	36713	4.829	ug/L	98
50) 1,2-Dibromoethane	8.95	107	31677	4.771	ug/L	96
51) Chlorobenzene	9.47	112	125636	4.886	ug/L	99
52) Ethylbenzene	9.59	91	228142	4.915	ug/L	99
53) m,p-Xylene	9.72	106	82403	4.823	ug/L	94
54) o-Xylene	10.12	106	84402	5.031	ug/L	100
55) Styrene	10.14	104	137693	4.869	ug/L	99
56) Isopropylbenzene	10.51	105	221123	4.925	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.81	83	48042	4.993	ug/L	96
59) 1,2,3-Trichloropropane	10.84	75	34562	4.954	ug/L	99
61) Bromoform	10.31	173	18902	4.856	ug/L	98
62) 1,3-Dichlorobenzene	11.76	146	92415	4.748	ug/L	98
63) 1,4-Dichlorobenzene	11.86	146	92175	4.777	ug/L	97
65) 1,2-Dichlorobenzene	12.23	146	89735	4.782	ug/L	99
66) 1,2-Dibromo-3-chloropropan	13.03	75	6679	4.769	ug/L	95
67) 1,3,5-Trichlorobenzene	13.25	180	65354	4.769	ug/L	99
68) 1,2,4-trichlorobenzene	13.88	180	48433	4.687	ug/L	99
69) Naphthalene	14.13	128	93917	5.016	ug/L	99
70) 1,2,3-Trichlorobenzene	14.37	180	44875	4.839	ug/L	97

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

