

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U100120\
 Data File : VU040412.D
 Acq On : 01 Oct 2020 09:42
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00528

Quant Time: Oct 02 03:16:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR092920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Oct 01 12:29:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	140385	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	137032	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	72187	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	30187	4.34	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.80%
7) Chloroethane-d5	1.92	69	29394	4.83	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.60%
11) 1,1-Dichloroethene-d2	2.58	63	82848	4.96	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	99.20%
20) 2-Butanone-d5	4.66	46	176643	51.17	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.34%
24) Chloroform-d	5.08	84	79592	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.20%
26) 1,2-Dichloroethane-d4	5.72	65	48728	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.80%
32) Benzene-d6	5.74	84	136745	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.20%
36) 1,2-Dichloropropane-d6	6.70	67	49439	4.91	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.20%
41) Toluene-d8	7.90	98	118107	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.60%
43) trans-1,3-Dichloropropene-	8.18	79	20422	4.97	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.40%
46) 2-Hexanone-d5	8.64	63	126140	52.14	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.28%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	47946	4.89	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	51160	4.67	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.40%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.39	85	73046	5.189	ug/L 100
3) Chloromethane	1.53	50	66308	4.803	ug/L 100
5) Vinyl chloride	1.61	62	69201	5.100	ug/L 99
6) Bromomethane	1.87	94	32496	4.924	ug/L 99
8) Chloroethane	1.94	64	43151	5.366	ug/L 96
9) Trichlorofluoromethane	2.15	101	94360	5.041	ug/L 98
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	62249	5.208	ug/L 99
12) 1,1-Dichloroethene	2.59	96	56358	5.272	ug/L 95
13) Acetone	2.67	43	144083	50.084	ug/L 99
14) Carbon disulfide	2.81	76	168877	4.998	ug/L 99
15) Methyl Acetate	2.97	43	33464	4.830	ug/L 99
16) Methylene chloride	3.06	84	65021	4.842	ug/L 98
17) Methyl tert-butyl Ether	3.38	73	152846	5.189	ug/L 98
18) trans-1,2-Dichloroethene	3.37	96	57105	5.166	ug/L 96
19) 1,1-Dichloroethane	3.89	63	117214	5.166	ug/L 99
21) 2-Butanone	4.74	43	245860	53.244	ug/L 99
22) cis-1,2-Dichloroethene	4.68	96	62184	5.085	ug/L 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.99	128	29034	5.185	ug/L	98
25) Chloroform	5.11	83	120591	5.211	ug/L	96
27) 1,2-Dichloroethane	5.81	62	86617	5.405	ug/L	96
29) 1,1,1-Trichloroethane	5.33	97	99410	5.311	ug/L	98
30) Cyclohexane	5.40	56	102177	5.276	ug/L	99
31) Carbon tetrachloride	5.54	117	84558	5.268	ug/L	98
33) Benzene	5.79	78	250565	5.454	ug/L	100
34) Trichloroethene	6.55	95	62734	5.144	ug/L	95
35) Methylcyclohexane	6.77	83	96295	5.383	ug/L	99
37) 1,2-Dichloropropane	6.80	63	68052	5.319	ug/L	100
38) Bromodichloromethane	7.11	83	86121	5.451	ug/L	99
39) cis-1,3-Dichloropropene	7.61	75	93247	5.434	ug/L	96
40) 4-Methyl-2-pentanone	7.80	43	544727	54.367	ug/L	100
42) Toluene	7.97	91	255599	5.425	ug/L	99
44) trans-1,3-Dichloropropene	8.21	75	86638	5.476	ug/L	96
45) 1,1,2-Trichloroethane	8.40	97	47829	5.333	ug/L	93
47) Tetrachloroethene	8.56	164	45077	5.205	ug/L	98
48) 2-Hexanone	8.69	43	409817	55.508	ug/L	99
49) Dibromochloromethane	8.81	129	57210	5.483	ug/L	95
50) 1,2-Dibromoethane	8.93	107	46114	5.360	ug/L #	96
51) Chlorobenzene	9.45	112	159403	5.233	ug/L	100
52) Ethylbenzene	9.57	91	275351	5.386	ug/L	98
53) m,p-Xylene	9.69	106	102084	5.360	ug/L	97
54) o-Xylene	10.10	106	96448	5.383	ug/L	96
55) Styrene	10.11	104	175568	5.618	ug/L	99
56) Isopropylbenzene	10.48	105	264210	5.465	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.78	83	62051	5.105	ug/L	98
59) 1,2,3-Trichloropropane	10.82	75	47978	5.173	ug/L	99
61) Bromoform	10.29	173	31257	5.239	ug/L	96
62) 1,3-Dichlorobenzene	11.74	146	127879	5.351	ug/L	97
63) 1,4-Dichlorobenzene	11.83	146	129456	5.208	ug/L	100
65) 1,2-Dichlorobenzene	12.20	146	119019	5.123	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.99	75	10376	4.955	ug/L #	89
67) 1,3,5-Trichlorobenzene	13.21	180	89115	5.223	ug/L	98
68) 1,2,4-trichlorobenzene	13.83	180	71285	5.200	ug/L	99
69) Naphthalene	14.08	128	121175	5.172	ug/L	99
70) 1,2,3-Trichlorobenzene	14.32	180	67012	5.342	ug/L	98

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

