

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U101920\
 Data File : VU040838.D
 Acq On : 20 Oct 2020 05:15
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00519

Quant Time: Oct 20 07:18:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Oct 20 05:12:18 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	126209	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	128549	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	65644	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	48954	4.68	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.60%
7) Chloroethane-d5	1.93	69	42304	5.25	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.00%
11) 1,1-Dichloroethene-d2	2.58	63	104193	5.10	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	102.00%
20) 2-Butanone-d5	4.66	46	173885	51.96	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.92%
24) Chloroform-d	5.08	84	100709	5.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.80%
26) 1,2-Dichloroethane-d4	5.72	65	58651	5.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.00%
32) Benzene-d6	5.74	84	182098	5.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.00%
36) 1,2-Dichloropropane-d6	6.70	67	59596	5.18	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.60%
41) Toluene-d8	7.90	98	164634	5.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.00%
43) trans-1,3-Dichloropropene-	8.19	79	23321	4.78	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.60%
46) 2-Hexanone-d5	8.64	63	129096	51.38	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.76%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	53168	5.15	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.00%
64) 1,2-Dichlorobenzene-d4	12.19	152	61778	5.08	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.60%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.39	85	51543	4.507 ug/L	99
3) Chloromethane	1.53	50	41740	3.903 ug/L	98
5) Vinyl chloride	1.61	62	49642	4.408 ug/L #	61
6) Bromomethane	1.87	94	15334	2.507 ug/L	94
8) Chloroethane	1.94	64	34524	4.815 ug/L	86
9) Trichlorofluoromethane	2.15	101	79251	4.901 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	50757	4.835 ug/L	98
12) 1,1-Dichloroethene	2.59	96	45158	5.015 ug/L	93
13) Acetone	2.67	43	124387	47.951 ug/L	97
14) Carbon disulfide	2.81	76	105896	4.201 ug/L	99
15) Methyl Acetate	2.97	43	29931	5.053 ug/L #	77
16) Methylene chloride	3.06	84	53422	4.620 ug/L	99
17) Methyl tert-butyl Ether	3.38	73	130440	5.123 ug/L	99
18) trans-1,2-Dichloroethene	3.37	96	45198	4.795 ug/L	98
19) 1,1-Dichloroethane	3.89	63	101521	5.208 ug/L	99
21) 2-Butanone	4.74	43	206856	51.148 ug/L	97
22) cis-1,2-Dichloroethene	4.69	96	53494	5.262 ug/L	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	5.00	128	25337	5.017	ug/L	96
25) Chloroform	5.11	83	106451	5.348	ug/L	96
27) 1,2-Dichloroethane	5.81	62	74461	5.285	ug/L	99
29) 1,1,1-Trichloroethane	5.33	97	87762	5.080	ug/L	99
30) Cyclohexane	5.40	56	70686	4.441	ug/L	100
31) Carbon tetrachloride	5.54	117	75492	5.107	ug/L	99
33) Benzene	5.79	78	210110	5.087	ug/L	100
34) Trichloroethene	6.56	95	52444	4.899	ug/L	95
35) Methylcyclohexane	6.78	83	64924	4.277	ug/L	99
37) 1,2-Dichloropropane	6.80	63	59261	5.150	ug/L	99
38) Bromodichloromethane	7.11	83	78591	5.343	ug/L	97
39) cis-1,3-Dichloropropene	7.62	75	74553	4.742	ug/L	98
40) 4-Methyl-2-pentanone	7.80	43	483324	52.684	ug/L	99
42) Toluene	7.98	91	218059	5.182	ug/L	99
44) trans-1,3-Dichloropropene	8.21	75	70007	4.837	ug/L	96
45) 1,1,2-Trichloroethane	8.41	97	44712	5.188	ug/L	99
47) Tetrachloroethene	8.56	164	36610	4.793	ug/L	94
48) 2-Hexanone	8.69	43	370273	54.211	ug/L	100
49) Dibromochloromethane	8.81	129	53120	5.357	ug/L	99
50) 1,2-Dibromoethane	8.93	107	40501	4.954	ug/L	98
51) Chlorobenzene	9.45	112	140978	5.086	ug/L	97
52) Ethylbenzene	9.57	91	226820	4.980	ug/L	99
53) m,p-Xylene	9.69	106	85875	5.173	ug/L	99
54) o-Xylene	10.10	106	82412	5.162	ug/L	93
55) Styrene	10.11	104	148512	5.357	ug/L	98
56) Isopropylbenzene	10.48	105	220827	5.138	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.78	83	60943	5.386	ug/L	95
59) 1,2,3-Trichloropropane	10.82	75	43555	5.153	ug/L	97
61) Bromoform	10.29	173	30222	5.371	ug/L	99
62) 1,3-Dichlorobenzene	11.74	146	112124	5.219	ug/L	98
63) 1,4-Dichlorobenzene	11.83	146	115250	5.202	ug/L	99
65) 1,2-Dichlorobenzene	12.20	146	110274	5.250	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.99	75	9413	5.118	ug/L	97
67) 1,3,5-Trichlorobenzene	13.21	180	75403	4.946	ug/L	98
68) 1,2,4-trichlorobenzene	13.83	180	61684	5.237	ug/L	98
69) Naphthalene	14.08	128	111841	5.805	ug/L	98
70) 1,2,3-Trichlorobenzene	14.32	180	61415	5.615	ug/L	97

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

