

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U112320\
 Data File : VU041386.D
 Acq On : 23 Nov 2020 14:01
 Operator : SY/MD
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VICV03

Quant Time: Nov 24 01:47:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR112320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Nov 24 01:45:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	81581	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	81747	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	42008	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	27203	4.74	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.80%
7) Chloroethane-d5	1.92	69	18768	4.66	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.20%
11) 1,1-Dichloroethene-d2	2.58	63	56950	5.06	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	101.20%
20) 2-Butanone-d5	4.64	46	61615	42.18	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	84.36%
24) Chloroform-d	5.08	84	52941	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.60%
26) 1,2-Dichloroethane-d4	5.71	65	29936	4.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.00%
32) Benzene-d6	5.74	84	91074	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.20%
36) 1,2-Dichloropropane-d6	6.70	67	30554	4.80	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.00%
41) Toluene-d8	7.90	98	93322	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.80%
43) trans-1,3-Dichloropropene-	8.19	79	14219	4.92	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.40%
46) 2-Hexanone-d5	8.64	63	48177	50.96	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.92%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	25584	4.94	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	33655	4.81	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.20%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.39	85	39996	5.075	ug/L 99
3) Chloromethane	1.53	50	34396	5.132	ug/L 95
5) Vinyl chloride	1.61	62	37303	5.232	ug/L 97
6) Bromomethane	1.86	94	15190	5.649	ug/L 99
8) Chloroethane	1.94	64	18958	4.691	ug/L 96
9) Trichlorofluoromethane	2.14	101	56117	5.083	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	29560	5.198	ug/L 96
12) 1,1-Dichloroethene	2.59	96	27321	5.439	ug/L 94
13) Acetone	2.63	43	50183	50.834	ug/L 99
14) Carbon disulfide	2.80	76	91136	5.194	ug/L 99
15) Methyl Acetate	2.96	43	13275	5.708	ug/L 100
16) Methylene chloride	3.06	84	30772	4.286	ug/L 97
17) Methyl tert-butyl Ether	3.38	73	65278	5.218	ug/L 99
18) trans-1,2-Dichloroethene	3.37	96	27288	5.009	ug/L 95
19) 1,1-Dichloroethane	3.89	63	55666	5.136	ug/L 99
21) 2-Butanone	4.72	43	74256	47.358	ug/L 99
22) cis-1,2-Dichloroethene	4.68	96	28291	4.883	ug/L 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.99	128	13001	5.081	ug/L	94
25) Chloroform	5.10	83	55823	4.688	ug/L	97
27) 1,2-Dichloroethane	5.81	62	38534	4.969	ug/L	100
29) 1,1,1-Trichloroethane	5.33	97	51103	5.004	ug/L	98
30) Cyclohexane	5.40	56	41835	4.804	ug/L	96
31) Carbon tetrachloride	5.54	117	47505	5.168	ug/L	100
33) Benzene	5.79	78	111332	5.077	ug/L	100
34) Trichloroethene	6.55	95	30910	5.176	ug/L	94
35) Methylcyclohexane	6.77	83	48108	5.525	ug/L	100
37) 1,2-Dichloropropane	6.80	63	31794	5.285	ug/L	98
38) Bromodichloromethane	7.11	83	41599	5.106	ug/L	98
39) cis-1,3-Dichloropropene	7.61	75	44434	5.351	ug/L	100
40) 4-Methyl-2-pentanone	7.80	43	198164	53.685	ug/L	100
42) Toluene	7.97	91	126811	5.424	ug/L	97
44) trans-1,3-Dichloropropene	8.21	75	40917	5.400	ug/L	99
45) 1,1,2-Trichloroethane	8.40	97	21667	5.255	ug/L	97
47) Tetrachloroethene	8.56	164	23544	5.266	ug/L	97
48) 2-Hexanone	8.69	43	144751	53.454	ug/L	99
49) Dibromochloromethane	8.81	129	27947	5.323	ug/L	97
50) 1,2-Dibromoethane	8.93	107	20358	5.163	ug/L #	99
51) Chlorobenzene	9.45	112	78846	5.210	ug/L	98
52) Ethylbenzene	9.57	91	136109	5.446	ug/L	99
53) m,p-Xylene	9.69	106	50978	5.570	ug/L	91
54) o-Xylene	10.10	106	47304	5.365	ug/L	99
55) Styrene	10.11	104	84912	5.771	ug/L	99
56) Isopropylbenzene	10.48	105	131438	5.552	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.78	83	26779	5.220	ug/L	99
59) 1,2,3-Trichloropropane	10.82	75	20288	5.162	ug/L	99
61) Bromoform	10.29	173	15520	5.240	ug/L	100
62) 1,3-Dichlorobenzene	11.74	146	62996	5.186	ug/L	95
63) 1,4-Dichlorobenzene	11.83	146	64212	5.345	ug/L	98
65) 1,2-Dichlorobenzene	12.21	146	57832	5.146	ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.99	75	4628	5.255	ug/L	93
67) 1,3,5-Trichlorobenzene	13.21	180	43626	5.109	ug/L	98
68) 1,2,4-trichlorobenzene	13.83	180	35157	5.246	ug/L	96
69) Naphthalene	14.08	128	57370	5.449	ug/L	99
70) 1,2,3-Trichlorobenzene	14.32	180	33388	5.451	ug/L	100

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

