

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U112420\
 Data File : VU041409.D
 Acq On : 24 Nov 2020 10:17
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00511

Quant Time: Nov 25 07:29:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR112320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Nov 24 01:52:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	73393	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	73747	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	39485	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	21863	4.24	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.80%
7) Chloroethane-d5	1.92	69	16591	4.58	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.60%
11) 1,1-Dichloroethene-d2	2.58	63	51079	5.05	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	101.00%
20) 2-Butanone-d5	4.65	46	86081	65.50	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	131.00%#
24) Chloroform-d	5.08	84	50220	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.60%
26) 1,2-Dichloroethane-d4	5.72	65	33177	5.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.40%
32) Benzene-d6	5.74	84	90201	5.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.00%
36) 1,2-Dichloropropane-d6	6.70	67	29073	5.06	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.20%
41) Toluene-d8	7.90	98	82402	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.80%
43) trans-1,3-Dichloropropene-	8.19	79	15066	5.78	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	115.60%
46) 2-Hexanone-d5	8.64	63	59000	69.18	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	138.36%#
57) 1,1,2,2-Tetrachloroethane-	10.75	84	28131	6.02	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	120.40%#
64) 1,2-Dichlorobenzene-d4	12.19	152	32262	4.90	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.00%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.39	85	35739	5.041	ug/L 100
3) Chloromethane	1.53	50	27149	4.503	ug/L 95
5) Vinyl chloride	1.61	62	28753	4.483	ug/L 100
6) Bromomethane	1.87	94	13373	5.528	ug/L 99
8) Chloroethane	1.94	64	16449	4.524	ug/L 95
9) Trichlorofluoromethane	2.15	101	52855	5.322	ug/L 98
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	26252	5.131	ug/L 94
12) 1,1-Dichloroethene	2.59	96	23133	5.119	ug/L 94
13) Acetone	2.66	43	60010	67.570	ug/L 98
14) Carbon disulfide	2.81	76	78552	4.976	ug/L 99
15) Methyl Acetate	2.97	43	13665	6.531	ug/L 98
16) Methylene chloride	3.06	84	28684	4.441	ug/L 98
17) Methyl tert-butyl Ether	3.38	73	58247	5.175	ug/L 98
18) trans-1,2-Dichloroethene	3.37	96	24086	4.914	ug/L 92
19) 1,1-Dichloroethane	3.89	63	45820	4.699	ug/L 98
21) 2-Butanone	4.73	43	92542	65.604	ug/L 98
22) cis-1,2-Dichloroethene	4.68	96	25340	4.862	ug/L 95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.99	128	12938	5.621	ug/L	98
25) Chloroform	5.11	83	53298	4.975	ug/L	96
27) 1,2-Dichloroethane	5.81	62	40544	5.812	ug/L	99
29) 1,1,1-Trichloroethane	5.33	97	47775	5.185	ug/L	99
30) Cyclohexane	5.40	56	39595	5.040	ug/L	95
31) Carbon tetrachloride	5.54	117	43315	5.223	ug/L	99
33) Benzene	5.79	78	103498	5.232	ug/L	100
34) Trichloroethene	6.55	95	28056	5.208	ug/L	97
35) Methylcyclohexane	6.77	83	40465	5.151	ug/L	98
37) 1,2-Dichloropropane	6.80	63	27030	4.981	ug/L	99
38) Bromodichloromethane	7.11	83	37974	5.167	ug/L	98
39) cis-1,3-Dichloropropene	7.61	75	37094	4.952	ug/L	99
40) 4-Methyl-2-pentanone	7.80	43	197627	59.348	ug/L	98
42) Toluene	7.97	91	105763	5.014	ug/L	96
44) trans-1,3-Dichloropropene	8.21	75	39011	5.707	ug/L	98
45) 1,1,2-Trichloroethane	8.40	97	21170	5.691	ug/L	95
47) Tetrachloroethene	8.56	164	21367	5.298	ug/L	94
48) 2-Hexanone	8.69	43	168369	68.920	ug/L	99
49) Dibromochloromethane	8.81	129	26591	5.614	ug/L	98
50) 1,2-Dibromoethane	8.93	107	20394	5.733	ug/L #	93
51) Chlorobenzene	9.45	112	70170	5.140	ug/L	99
52) Ethylbenzene	9.57	91	116405	5.163	ug/L	97
53) m,p-Xylene	9.69	106	45056	5.457	ug/L	96
54) o-Xylene	10.10	106	41872	5.264	ug/L	98
55) Styrene	10.11	104	75280	5.671	ug/L	98
56) Isopropylbenzene	10.48	105	116536	5.456	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.78	83	27975	6.045	ug/L	100
59) 1,2,3-Trichloropropane	10.82	75	22250	6.276	ug/L	100
61) Bromoform	10.29	173	15913	5.716	ug/L	98
62) 1,3-Dichlorobenzene	11.74	146	58587	5.131	ug/L	97
63) 1,4-Dichlorobenzene	11.83	146	56878	5.037	ug/L	97
65) 1,2-Dichlorobenzene	12.20	146	55078	5.214	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.99	75	4865	5.877	ug/L	94
67) 1,3,5-Trichlorobenzene	13.21	180	41636	5.188	ug/L	97
68) 1,2,4-trichlorobenzene	13.83	180	33669	5.345	ug/L	97
69) Naphthalene	14.08	128	52781	5.333	ug/L	99
70) 1,2,3-Trichlorobenzene	14.32	180	31298	5.437	ug/L	99

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

