

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU070920\
 Data File : VU039386.D
 Acq On : 09 Jul 2020 10:09
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00511

Quant Time: Jul 10 00:16:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jul 09 17:46:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	109032	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	102441	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	50888	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	24970	3.95	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.00%
7) Chloroethane-d5	1.92	69	27328	4.23	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.60%
11) 1,1-Dichloroethene-d2	2.58	63	54900	4.42	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.40%
20) 2-Butanone-d5	4.65	46	165213	57.14	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.28%
24) Chloroform-d	5.08	84	62915	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.60%
26) 1,2-Dichloroethane-d4	5.72	65	41650	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.60%
32) Benzene-d6	5.74	84	110301	4.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.40%
36) 1,2-Dichloropropane-d6	6.70	67	42288	4.88	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.60%
41) Toluene-d8	7.91	98	87962	4.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.20%
43) trans-1,3-Dichloropropene-	8.19	79	17401	4.55	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.00%
46) 2-Hexanone-d5	8.64	63	124720	54.95	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.90%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	44578	5.19	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	40689	4.48	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.60%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.39	85	36910	5.585	ug/L 94
3) Chloromethane	1.53	50	40244	5.026	ug/L 99
5) Vinyl chloride	1.61	62	45568	5.126	ug/L 97
6) Bromomethane	1.87	94	20440	5.339	ug/L 95
8) Chloroethane	1.94	64	29793	4.638	ug/L 97
9) Trichlorofluoromethane	2.15	101	82079	5.317	ug/L 96
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	35976	5.679	ug/L 97
12) 1,1-Dichloroethene	2.59	96	32604	5.028	ug/L 89
13) Acetone	2.66	43	79588	50.995	ug/L 99
14) Carbon disulfide	2.81	76	109993	4.815	ug/L 100
15) Methyl Acetate	2.97	43	21501	5.216	ug/L 91
16) Methylene chloride	3.06	84	39173	4.803	ug/L 97
17) Methyl tert-butyl Ether	3.38	73	99918	4.890	ug/L 99
18) trans-1,2-Dichloroethene	3.37	96	35277	4.914	ug/L 92
19) 1,1-Dichloroethane	3.89	63	69856	4.974	ug/L 97
21) 2-Butanone	4.73	43	140487	50.432	ug/L 99
22) cis-1,2-Dichloroethene	4.69	96	39264	4.878	ug/L 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	5.00	128	18638	5.097	ug/L	92
25) Chloroform	5.11	83	72776	5.131	ug/L	92
27) 1,2-Dichloroethane	5.81	62	51568	5.026	ug/L	98
29) 1,1,1-Trichloroethane	5.33	97	61266	5.078	ug/L	96
30) Cyclohexane	5.40	56	64585	5.084	ug/L	99
31) Carbon tetrachloride	5.54	117	51223	4.976	ug/L	99
33) Benzene	5.79	78	151150	4.935	ug/L	100
34) Trichloroethene	6.56	95	39329	4.967	ug/L	98
35) Methylcyclohexane	6.77	83	66716	5.259	ug/L	98
37) 1,2-Dichloropropane	6.80	63	41757	5.001	ug/L	100
38) Bromodichloromethane	7.11	83	52812	4.953	ug/L	99
39) cis-1,3-Dichloropropene	7.62	75	62238	4.931	ug/L	97
40) 4-Methyl-2-pentanone	7.80	43	339300	48.715	ug/L	99
42) Toluene	7.98	91	161218	4.916	ug/L	99
44) trans-1,3-Dichloropropene	8.22	75	54715	4.886	ug/L	95
45) 1,1,2-Trichloroethane	8.41	97	30266	5.047	ug/L	97
47) Tetrachloroethene	8.56	164	27637	5.018	ug/L	96
48) 2-Hexanone	8.69	43	256987	50.041	ug/L	98
49) Dibromochloromethane	8.82	129	35533	4.892	ug/L	96
50) 1,2-Dibromoethane	8.93	107	29596	4.858	ug/L	99
51) Chlorobenzene	9.45	112	97024	4.841	ug/L	99
52) Ethylbenzene	9.57	91	183138	5.053	ug/L	99
53) m,p-Xylene	9.70	106	68390	5.008	ug/L	99
54) o-Xylene	10.10	106	65339	4.914	ug/L	97
55) Styrene	10.11	104	113006	4.885	ug/L	99
56) Isopropylbenzene	10.48	105	177521	4.937	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.78	83	39536	4.736	ug/L	99
59) 1,2,3-Trichloropropane	10.82	75	29696	4.826	ug/L	98
61) Bromoform	10.29	173	20328	4.740	ug/L	99
62) 1,3-Dichlorobenzene	11.74	146	78313	4.911	ug/L	100
63) 1,4-Dichlorobenzene	11.83	146	79904	4.995	ug/L	95
65) 1,2-Dichlorobenzene	12.21	146	76408	4.780	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.99	75	7002	4.959	ug/L #	84
67) 1,3,5-Trichlorobenzene	13.21	180	59291	4.969	ug/L	99
68) 1,2,4-trichlorobenzene	13.83	180	51960	5.088	ug/L	97
69) Naphthalene	14.08	128	97961	4.768	ug/L	100
70) 1,2,3-Trichlorobenzene	14.32	180	47289	4.998	ug/L	97

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

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