

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U122819\
 Data File : VU036368.D
 Acq On : 28 Dec 2019 14:41
 Operator : JC/MD
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VICV01

Quant Time: Dec 30 06:10:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR122819WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Dec 30 06:07:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	267787	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	254876	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	122263	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	99672	5.12	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	102.40%
7) Chloroethane-d5	1.93	69	91705	5.20	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.00%
11) 1,1-Dichloroethene-d2	2.59	63	181440	5.10	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	102.00%
20) 2-Butanone-d5	4.69	46	258434	52.07	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.14%
24) Chloroform-d	5.11	84	196281	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.60%
26) 1,2-Dichloroethane-d4	5.75	65	105795	5.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.60%
32) Benzene-d6	5.77	84	374286	5.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.60%
36) 1,2-Dichloropropane-d6	6.73	67	118705	5.03	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.60%
41) Toluene-d8	7.93	98	349630	5.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.00%
43) trans-1,3-Dichloropropene-	8.21	79	53771	4.94	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.80%
46) 2-Hexanone-d5	8.67	63	242211	51.75	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.50%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	102941	5.03	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.60%
64) 1,2-Dichlorobenzene-d4	12.21	152	127964	4.91	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.20%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.39	85	100631	4.704	ug/L	98
3) Chloromethane	1.54	50	102369	4.950	ug/L	96
5) Vinyl chloride	1.62	62	111554	4.979	ug/L	98
6) Bromomethane	1.87	94	63912	4.949	ug/L	97
8) Chloroethane	1.95	64	63934	4.822	ug/L	100
9) Trichlorofluoromethane	2.16	101	151912	4.780	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	80524	4.872	ug/L	99
12) 1,1-Dichloroethene	2.60	96	78611	4.823	ug/L	86
13) Acetone	2.67	43	144042	45.055	ug/L	99
14) Carbon disulfide	2.82	76	265750	4.971	ug/L	97
15) Methyl Acetate	3.00	43	35321	5.006	ug/L	99
16) Methylene chloride	3.08	84	93640	4.525	ug/L	99
17) Methyl tert-butyl Ether	3.41	73	233799	4.958	ug/L	100
18) trans-1,2-Dichloroethene	3.39	96	85574	4.689	ug/L	90
19) 1,1-Dichloroethane	3.92	63	166134	5.027	ug/L	98
21) 2-Butanone	4.77	43	261917	50.630	ug/L	99
22) cis-1,2-Dichloroethene	4.71	96	100160	4.889	ug/L	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	5.02	128	41929	4.913	ug/L	95
25) Chloroform	5.13	83	177166	5.049	ug/L	96
27) 1,2-Dichloroethane	5.84	62	113981	4.933	ug/L	99
29) 1,1,1-Trichloroethane	5.36	97	153437	4.840	ug/L	97
30) Cyclohexane	5.43	56	149952	4.755	ug/L	94
31) Carbon tetrachloride	5.57	117	131518	4.879	ug/L	98
33) Benzene	5.82	78	370279	4.903	ug/L	100
34) Trichloroethene	6.58	95	103623	5.094	ug/L	99
35) Methylcyclohexane	6.80	83	161635	5.014	ug/L	99
37) 1,2-Dichloropropane	6.83	63	93625	4.806	ug/L	99
38) Bromodichloromethane	7.14	83	132742	4.937	ug/L	97
39) cis-1,3-Dichloropropene	7.64	75	158247	4.954	ug/L	97
40) 4-Methyl-2-pentanone	7.84	43	690317	50.303	ug/L	99
42) Toluene	8.00	91	403593	4.830	ug/L	97
44) trans-1,3-Dichloropropene	8.24	75	130049	4.956	ug/L	97
45) 1,1,2-Trichloroethane	8.43	97	70376	4.967	ug/L	97
47) Tetrachloroethene	8.58	164	70214	4.905	ug/L	97
48) 2-Hexanone	8.72	43	502456	51.728	ug/L	99
49) Dibromochloromethane	8.84	129	87008	4.641	ug/L	94
50) 1,2-Dibromoethane	8.95	107	71706	4.993	ug/L #	100
51) Chlorobenzene	9.47	112	253277	4.861	ug/L	98
52) Ethylbenzene	9.60	91	458999	4.956	ug/L	100
53) m,p-Xylene	9.72	106	177072	4.975	ug/L	97
54) o-Xylene	10.12	106	168617	4.878	ug/L	94
55) Styrene	10.14	104	286439	4.876	ug/L	99
56) Isopropylbenzene	10.51	105	446300	4.863	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.81	83	92332	4.834	ug/L #	94
59) 1,2,3-Trichloropropane	10.85	75	67287	5.007	ug/L	98
61) Bromoform	10.32	173	52500	4.815	ug/L	99
62) 1,3-Dichlorobenzene	11.77	146	199078	4.871	ug/L	99
63) 1,4-Dichlorobenzene	11.86	146	196585	4.864	ug/L	99
65) 1,2-Dichlorobenzene	12.23	146	187671	4.875	ug/L	99
66) 1,2-Dibromo-3-chloropropan	13.02	75	17420	4.923	ug/L	96
67) 1,3,5-Trichlorobenzene	13.24	180	141908	4.886	ug/L	98
68) 1,2,4-trichlorobenzene	13.86	180	110842	5.197	ug/L	98
69) Naphthalene	14.10	128	208133	5.604	ug/L	100
70) 1,2,3-Trichlorobenzene	14.35	180	107579	5.232	ug/L	100

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

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