

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U082019\
 Data File : VU033847.D
 Acq On : 20 Aug 2019 12:05
 Operator : JC/SP
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VICV04

Quant Time: Aug 21 05:44:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR082019WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Aug 21 05:39:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	202239	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	208977	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	111026	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	83071	4.82	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.40%
7) Chloroethane-d5	1.67	69	69966	4.55	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.00%
11) 1,1-Dichloroethene-d2	2.26	63	164803	4.77	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.40%
20) 2-Butanone-d5	4.16	46	163482	47.85	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.70%
24) Chloroform-d	4.62	84	136444	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.00%
26) 1,2-Dichloroethane-d4	5.29	65	70888	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.40%
32) Benzene-d6	5.32	84	263844	5.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.80%
36) 1,2-Dichloropropane-d6	6.31	67	82401	4.83	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.60%
41) Toluene-d8	7.55	98	250805	5.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.80%
43) trans-1,3-Dichloropropene-	7.83	79	33546	5.12	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	102.40%
46) 2-Hexanone-d5	8.30	63	125714	53.78	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.56%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	68958	4.69	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.80%
64) 1,2-Dichlorobenzene-d4	11.84	152	100994	5.24	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.80%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.20	85	94839	5.175 ug/L	99
3) Chloromethane	1.32	50	94184	5.293 ug/L	99
5) Vinyl chloride	1.39	62	102760	5.133 ug/L	99
6) Bromomethane	1.62	94	64452	4.916 ug/L	100
8) Chloroethane	1.69	64	61262	5.214 ug/L	98
9) Trichlorofluoromethane	1.87	101	130823	5.141 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	75203	5.104 ug/L	99
12) 1,1-Dichloroethene	2.27	96	70177	5.017 ug/L	94
13) Acetone	2.31	43	131706	50.421 ug/L	99
14) Carbon disulfide	2.46	76	243832	5.072 ug/L	98
15) Methyl Acetate	2.60	43	32788	5.010 ug/L	99
16) Methylene chloride	2.68	84	78917	4.808 ug/L	97
17) Methyl tert-butyl Ether	2.98	73	179111	5.104 ug/L	99
18) trans-1,2-Dichloroethene	2.96	96	76491	4.963 ug/L	98
19) 1,1-Dichloroethane	3.42	63	116702	5.222 ug/L	98
21) 2-Butanone	4.25	43	153541	54.817 ug/L	99
22) cis-1,2-Dichloroethene	4.20	96	63733	5.258 ug/L	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.52	128	29913	5.104	ug/L	96
25) Chloroform	4.65	83	120941	4.786	ug/L	96
27) 1,2-Dichloroethane	5.38	62	73642	5.133	ug/L	98
29) 1,1,1-Trichloroethane	4.89	97	98792	5.216	ug/L	98
30) Cyclohexane	4.97	56	86182	5.388	ug/L	97
31) Carbon tetrachloride	5.11	117	90981	5.327	ug/L	96
33) Benzene	5.36	78	247351	5.394	ug/L	100
34) Trichloroethene	6.16	95	64826	5.269	ug/L	95
35) Methylcyclohexane	6.39	83	92668	5.390	ug/L	99
37) 1,2-Dichloropropane	6.41	63	65586	5.405	ug/L	99
38) Bromodichloromethane	6.74	83	81580	5.220	ug/L	99
39) cis-1,3-Dichloropropene	7.25	75	89146	5.560	ug/L	98
40) 4-Methyl-2-pentanone	7.45	43	356035	55.403	ug/L	99
42) Toluene	7.62	91	266167	5.666	ug/L	97
44) trans-1,3-Dichloropropene	7.86	75	73401	5.474	ug/L	99
45) 1,1,2-Trichloroethane	8.05	97	45693	5.262	ug/L	97
47) Tetrachloroethene	8.21	164	53691	5.320	ug/L	97
48) 2-Hexanone	8.35	43	269438	57.381	ug/L	100
49) Dibromochloromethane	8.46	129	57521	5.305	ug/L	93
50) 1,2-Dibromoethane	8.57	107	45608	5.494	ug/L	97
51) Chlorobenzene	9.10	112	166794	5.369	ug/L	98
52) Ethylbenzene	9.23	91	264982	5.636	ug/L	99
53) m,p-Xylene	9.36	106	101646	5.759	ug/L	98
54) o-Xylene	9.76	106	99619	5.886	ug/L	96
55) Styrene	9.77	104	171281	5.839	ug/L	100
56) Isopropylbenzene	10.15	105	257376	5.877	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.44	83	56667	5.198	ug/L	98
59) 1,2,3-Trichloropropane	10.48	75	40710	5.120	ug/L	99
61) Bromoform	9.94	173	32830	5.353	ug/L	98
62) 1,3-Dichlorobenzene	11.40	146	138713	5.624	ug/L	97
63) 1,4-Dichlorobenzene	11.49	146	145032	5.719	ug/L	99
65) 1,2-Dichlorobenzene	11.86	146	134272	5.625	ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.64	75	9439	5.590	ug/L	88
67) 1,3,5-Trichlorobenzene	12.87	180	110031	5.877	ug/L	100
68) 1,2,4-trichlorobenzene	13.49	180	86769	6.368	ug/L	100
69) Naphthalene	13.73	128	133660	6.754	ug/L	98
70) 1,2,3-Trichlorobenzene	13.97	180	83316	6.432	ug/L	99

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

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