

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR021119\
 Data File : VR026309.D
 Acq On : 11 Feb 2019 15:17
 Operator : SY/MD
 Sample : VSTDICV005
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 VICV86

Quant Time: Feb 14 06:53:09 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR021119WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Feb 14 06:33:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	589512	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.28	117	485755	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	197042	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.17	65	260370	4.84	ug/L	0.01
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.80%
7) Chloroethane-d5	2.63	69	211055	4.80	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.00%
11) 1,1-Dichloroethene-d2	3.61	63	613363	4.75	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.00%
20) 2-Butanone-d5	6.59	46	170726	49.81	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.62%
24) Chloroform-d	7.20	84	416667	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.40%
26) 1,2-Dichloroethane-d4	7.89	65	155219	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.40%
32) Benzene-d6	7.85	84	830282	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.20%
36) 1,2-Dichloropropane-d6	8.89	67	200296	4.71	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.20%
41) Toluene-d8	9.97	98	796999	5.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.00%
43) trans-1,3-Dichloropropene-	10.23	79	56348	4.92	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.40%
46) 2-Hexanone-d5	10.59	63	147250	56.68	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	113.36%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	76426	4.74	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.80%
64) 1,2-Dichlorobenzene-d4	13.51	152	152265	4.62	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.40%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.82	85	270065	4.972	ug/L 98
3) Chloromethane	2.01	50	307418	4.957	ug/L 96
5) Vinyl chloride	2.17	62	310974	4.977	ug/L 98
6) Bromomethane	2.52	94	195139	4.856	ug/L 95
8) Chloroethane	2.66	64	182749	4.869	ug/L 97
9) Trichlorofluoromethane	2.93	101	487123	4.815	ug/L 92
10) 1,1,2-Trichloro-1,2,2-trif	3.68	101	255038	4.766	ug/L 99
12) 1,1-Dichloroethene	3.62	96	266002	4.723	ug/L 84
13) Acetone	3.70	43	170186	47.083	ug/L 99
14) Carbon disulfide	3.92	76	889504	4.830	ug/L 100
15) Methyl Acetate	4.19	43	47484	4.773	ug/L 99
16) Methylene chloride	4.40	84	218488	4.582	ug/L 97
17) Methyl tert-butyl Ether	4.89	73	246867	4.992	ug/L 98
18) trans-1,2-Dichloroethene	4.88	96	245722	4.807	ug/L 98
19) 1,1-Dichloroethane	5.69	63	419970	4.786	ug/L 97
21) 2-Butanone	6.69	43	214097	52.321	ug/L 99
22) cis-1,2-Dichloroethene	6.67	96	214452	5.201	ug/L # 93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.05	128	59816	4.651	ug/L	98
25) Chloroform	7.23	83	399771	4.690	ug/L	100
27) 1,2-Dichloroethane	7.99	62	177461	4.813	ug/L	98
29) 1,1,1-Trichloroethane	7.43	97	389667	4.873	ug/L	98
30) Cyclohexane	7.51	56	378268	5.908	ug/L	99
31) Carbon tetrachloride	7.63	117	357401	4.822	ug/L	99
33) Benzene	7.90	78	955827	4.973	ug/L	100
34) Trichloroethene	8.71	95	239701	4.837	ug/L	98
35) Methylcyclohexane	8.95	83	388040	5.631	ug/L	100
37) 1,2-Dichloropropane	8.99	63	192932	4.649	ug/L	99
38) Bromodichloromethane	9.28	83	222240	4.802	ug/L	99
39) cis-1,3-Dichloropropene	9.72	75	228037	5.340	ug/L	100
40) 4-Methyl-2-pentanone	9.86	43	540495	56.499	ug/L	99
42) Toluene	10.03	91	1019367	5.160	ug/L	99
44) trans-1,3-Dichloropropene	10.26	75	161389	5.094	ug/L	99
45) 1,1,2-Trichloroethane	10.45	97	82627	4.768	ug/L	93
47) Tetrachloroethene	10.51	164	186003	4.891	ug/L	93
48) 2-Hexanone	10.63	43	361782	56.242	ug/L	97
49) Dibromochloromethane	10.78	129	104477	4.691	ug/L	91
50) 1,2-Dibromoethane	10.88	107	71168	5.165	ug/L #	88
51) Chlorobenzene	11.31	112	542593	4.804	ug/L	100
52) Ethylbenzene	11.39	91	1153906	5.225	ug/L	99
53) m,p-Xylene	11.50	106	429755	5.325	ug/L	97
54) o-Xylene	11.83	106	382195	5.491	ug/L	98
55) Styrene	11.84	104	597824	5.468	ug/L	100
56) Isopropylbenzene	12.13	105	1131940	5.721	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.38	83	76735	4.780	ug/L	98
59) 1,2,3-Trichloropropane	12.43	75	54139	4.680	ug/L	99
61) Bromoform	12.01	173	44374	4.573	ug/L	99
62) 1,3-Dichlorobenzene	13.16	146	320893	4.986	ug/L	98
63) 1,4-Dichlorobenzene	13.24	146	346498	4.716	ug/L	98
65) 1,2-Dichlorobenzene	13.53	146	261357	4.739	ug/L	97
66) 1,2-Dibromo-3-chloropropan	14.14	75	8146	4.086	ug/L #	67
67) 1,3,5-Trichlorobenzene	14.29	180	209294	5.074	ug/L	99
68) 1,2,4-trichlorobenzene	14.78	180	112823	5.068	ug/L	97
69) Naphthalene	15.00	128	104921	5.252	ug/L	97
70) 1,2,3-Trichlorobenzene	15.18	180	87387	5.439	ug/L	99

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

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