

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR091219\
 Data File : VR026629.D
 Acq On : 12 Sep 2019 20:13
 Operator : SY/MD
 Sample : VSTDICV005
 Misc : 25mL/MSVOA_R/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 VICV62

Quant Time: Sep 13 05:44:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR091219WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Sep 13 05:35:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.48	114	371208	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.30	117	287211	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.24	152	130770	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.18	65	49048	4.81	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.20%
7) Chloroethane-d5	2.65	69	43870	4.87	ug/L	0.02
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.40%
11) 1,1-Dichloroethene-d2	3.64	63	133393	4.73	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.60%
20) 2-Butanone-d5	6.61	46	113500	51.31	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.62%
24) Chloroform-d	7.22	84	191348	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.40%
26) 1,2-Dichloroethane-d4	7.91	65	63666	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.00%
32) Benzene-d6	7.88	84	359257	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.40%
36) 1,2-Dichloropropane-d6	8.92	67	97358	5.13	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.60%
41) Toluene-d8	9.99	98	285937	5.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.40%
43) trans-1,3-Dichloropropene-	10.26	79	21642	5.00	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.00%
46) 2-Hexanone-d5	10.60	63	70199	53.94	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.88%
57) 1,1,2,2-Tetrachloroethane-	12.38	84	49616	4.92	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.40%
64) 1,2-Dichlorobenzene-d4	13.53	152	78564	4.73	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.60%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.85	85	205856	4.906 ug/L	100
3) Chloromethane	2.06	50	106710	4.871 ug/L	96
5) Vinyl chloride	2.19	62	107921	4.916 ug/L	95
6) Bromomethane	2.54	94	69056	5.006 ug/L	97
8) Chloroethane	2.67	64	62759	4.956 ug/L	98
9) Trichlorofluoromethane	2.99	101	184164	4.849 ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	3.70	101	78924	4.741 ug/L	97
12) 1,1-Dichloroethene	3.66	96	77617	4.740 ug/L	92
13) Acetone	3.73	43	79282	47.657 ug/L	99
14) Carbon disulfide	3.97	76	431898	6.161 ug/L	99
15) Methyl Acetate	4.22	43	31470	4.504 ug/L #	89
16) Methylene chloride	4.43	84	153202	4.496 ug/L	99
17) Methyl tert-butyl Ether	4.93	73	181483	5.128 ug/L	98
18) trans-1,2-Dichloroethene	4.92	96	164056	4.795 ug/L	92
19) 1,1-Dichloroethane	5.72	63	297699	4.640 ug/L	98
21) 2-Butanone	6.72	43	156181	51.394 ug/L	99
22) cis-1,2-Dichloroethene	6.70	96	164289	5.010 ug/L	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

23) Bromochloromethane	7.08	128	43478	4.767	ug/L	85
25) Chloroform	7.26	83	276177	4.491	ug/L	99
27) 1,2-Dichloroethane	8.01	62	102178	4.724	ug/L #	94
29) 1,1,1-Trichloroethane	7.45	97	218392	4.727	ug/L	99
30) Cyclohexane	7.54	56	259443	5.267	ug/L	98
31) Carbon tetrachloride	7.66	117	185183	4.733	ug/L	98
33) Benzene	7.93	78	641914	5.040	ug/L	100
34) Trichloroethene	8.73	95	154897	4.883	ug/L	94
35) Methylcyclohexane	8.97	83	247249	5.176	ug/L	98
37) 1,2-Dichloropropane	9.02	63	124765	4.852	ug/L	99
38) Bromodichloromethane	9.30	83	134184	4.900	ug/L	99
39) cis-1,3-Dichloropropene	9.74	75	136374	5.003	ug/L	100
40) 4-Methyl-2-pentanone	9.88	43	345790	53.682	ug/L	98
42) Toluene	10.05	91	584504	5.255	ug/L	99
44) trans-1,3-Dichloropropene	10.28	75	88715	5.063	ug/L	92
45) 1,1,2-Trichloroethane	10.46	97	55850	5.096	ug/L	93
47) Tetrachloroethene	10.53	164	92929	4.962	ug/L	96
48) 2-Hexanone	10.65	43	208772	50.992	ug/L	99
49) Dibromochloromethane	10.80	129	56945	4.766	ug/L	90
50) 1,2-Dibromoethane	10.91	107	45800	4.817	ug/L #	95
51) Chlorobenzene	11.33	112	316057	4.890	ug/L	99
52) Ethylbenzene	11.41	91	655076	5.192	ug/L	100
53) m,p-Xylene	11.52	106	236408	5.240	ug/L	90
54) o-Xylene	11.84	106	235799	5.296	ug/L	98
55) Styrene	11.86	104	334345	5.237	ug/L	96
56) Isopropylbenzene	12.15	105	684449	5.440	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.40	83	59476	4.684	ug/L	93
59) 1,2,3-Trichloropropane	12.45	75	42326	4.545	ug/L	96
61) Bromoform	12.03	173	24068	4.710	ug/L	98
62) 1,3-Dichlorobenzene	13.18	146	226741	4.876	ug/L	93
63) 1,4-Dichlorobenzene	13.26	146	223063	4.827	ug/L	98
65) 1,2-Dichlorobenzene	13.55	146	196630	4.991	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.16	75	9736	4.954	ug/L	87
67) 1,3,5-Trichlorobenzene	14.31	180	199291	5.291	ug/L	99
68) 1,2,4-trichlorobenzene	14.80	180	138547	5.214	ug/L	97
69) Naphthalene	15.02	128	183287	5.187	ug/L	99
70) 1,2,3-Trichlorobenzene	15.20	180	120183	5.106	ug/L	98

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

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