

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR101119\
 Data File : VR026664.D
 Acq On : 11 Oct 2019 13:54
 Operator : SY/MD
 Sample : VSTDICV005
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 VICV64

Quant Time: Oct 14 06:34:25 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR101119WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Oct 14 06:32:03 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.48	114	246936	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.30	117	188705	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.24	152	89865	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.20	65	66024	4.41	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.20%
7) Chloroethane-d5	2.64	69	54448	4.30	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.00%
11) 1,1-Dichloroethene-d2	3.66	63	157412	4.53	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.60%
20) 2-Butanone-d5	6.62	46	87719	41.68	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	83.36%
24) Chloroform-d	7.22	84	192802	4.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.40%
26) 1,2-Dichloroethane-d4	7.91	65	66038	4.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.00%
32) Benzene-d6	7.88	84	404622	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.40%
36) 1,2-Dichloropropane-d6	8.91	67	98240	4.42	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.40%
41) Toluene-d8	9.98	98	332686	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.20%
43) trans-1,3-Dichloropropene-	10.25	79	22694	4.14	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.80%
46) 2-Hexanone-d5	10.60	63	64423	45.08	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.16%
57) 1,1,2,2-Tetrachloroethane-	12.38	84	42648	4.26	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.20%
64) 1,2-Dichlorobenzene-d4	13.53	152	76914	4.52	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.40%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.86	85	200436	5.062	ug/L 100
3) Chloromethane	2.07	50	104965	5.022	ug/L 92
5) Vinyl chloride	2.20	62	105421	5.186	ug/L 96
6) Bromomethane	2.55	94	65352	5.075	ug/L 86
8) Chloroethane	2.68	64	58702	5.104	ug/L 94
9) Trichlorofluoromethane	2.99	101	176719	4.924	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	3.70	101	76554	4.751	ug/L # 70
12) 1,1-Dichloroethene	3.66	96	74787	5.011	ug/L 88
13) Acetone	3.72	43	64775	47.124	ug/L 74
14) Carbon disulfide	3.97	76	524899	5.293	ug/L 98
15) Methyl Acetate	4.22	43	27259	4.701	ug/L 91
16) Methylene chloride	4.43	84	133421	4.674	ug/L 89
17) Methyl tert-butyl Ether	4.93	73	135506	5.306	ug/L 99
18) trans-1,2-Dichloroethene	4.91	96	145351	5.057	ug/L 93
19) 1,1-Dichloroethane	5.72	63	257727	5.062	ug/L 97
21) 2-Butanone	6.72	43	123984	51.282	ug/L 98
22) cis-1,2-Dichloroethene	6.70	96	131114	5.159	ug/L # 89

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.08	128	36185	4.987	uq/L	90
25) Chloroform	7.25	83	229177	4.708	uq/L	96
27) 1,2-Dichloroethane	8.01	62	85871	4.589	uq/L	98
29) 1,1,1-Trichloroethane	7.45	97	176452	5.115	uq/L	98
30) Cyclohexane	7.54	56	268234	5.738	uq/L	98
31) Carbon tetrachloride	7.66	117	166148	5.178	uq/L	98
33) Benzene	7.93	78	558186	5.454	uq/L	100
34) Trichloroethene	8.73	95	134530	5.190	uq/L	95
35) Methylcyclohexane	8.97	83	250908	5.549	uq/L	98
37) 1,2-Dichloropropane	9.02	63	109698	5.306	uq/L	99
38) Bromodichloromethane	9.30	83	111430	5.154	uq/L #	98
39) cis-1,3-Dichloropropene	9.73	75	118662	5.390	uq/L	100
40) 4-Methyl-2-pentanone	9.88	43	276951	54.907	uq/L	98
42) Toluene	10.05	91	520808	5.515	uq/L	98
44) trans-1,3-Dichloropropene	10.28	75	75871	5.196	uq/L	86
45) 1,1,2-Trichloroethane	10.46	97	45541	5.062	uq/L	95
47) Tetrachloroethene	10.53	164	82381	5.121	uq/L	95
48) 2-Hexanone	10.65	43	170370	51.290	uq/L	98
49) Dibromochloromethane	10.80	129	48445	5.133	uq/L	99
50) 1,2-Dibromoethane	10.90	107	36691	5.021	uq/L	99
51) Chlorobenzene	11.33	112	269010	5.247	uq/L	96
52) Ethylbenzene	11.41	91	587848	5.624	uq/L	98
53) m,p-Xylene	11.52	106	209909	5.628	uq/L	100
54) o-Xylene	11.84	106	200997	5.851	uq/L	94
55) Styrene	11.86	104	286771	5.805	uq/L	98
56) Isopropylbenzene	12.15	105	593204	5.837	uq/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.40	83	48916	4.916	uq/L	97
59) 1,2,3-Trichloropropane	12.45	75	36412	5.034	uq/L	98
61) Bromoform	12.03	173	20028	5.258	uq/L	90
62) 1,3-Dichlorobenzene	13.18	146	184268	5.463	uq/L	99
63) 1,4-Dichlorobenzene	13.26	146	175897	5.161	uq/L	95
65) 1,2-Dichlorobenzene	13.55	146	154900	5.390	uq/L	95
66) 1,2-Dibromo-3-chloropropan	14.17	75	7350	4.994	uq/L #	82
67) 1,3,5-Trichlorobenzene	14.31	180	142464	5.484	uq/L	96
68) 1,2,4-trichlorobenzene	14.80	180	106551	5.642	uq/L	97
69) Naphthalene	15.02	128	129228	5.671	uq/L	99
70) 1,2,3-Trichlorobenzene	15.20	180	94264	5.671	uq/L	100

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

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