

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR112118\
 Data File : VR026260.D
 Acq On : 21 Nov 2018 14:34
 Operator : SY/MD
 Sample : VSTDICV005
 Misc : 25mL/MSVOA_R/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 VICV82

Quant Time: Nov 27 07:09:47 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR112118WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Nov 27 07:05:29 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	604566	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	502971	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	194140	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	258010	4.82	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.40%
7) Chloroethane-d5	2.63	69	216725	4.80	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.00%
11) 1,1-Dichloroethene-d2	3.61	63	615348	4.75	ug/L	-0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.00%
20) 2-Butanone-d5	6.59	46	219462	53.75	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.50%
24) Chloroform-d	7.20	84	444544	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.20%
26) 1,2-Dichloroethane-d4	7.90	65	171204	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.00%
32) Benzene-d6	7.85	84	894802	5.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.20%
36) 1,2-Dichloropropane-d6	8.90	67	222163	5.03	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.60%
41) Toluene-d8	9.97	98	858773	5.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.80%
43) trans-1,3-Dichloropropene-	10.24	79	61039	5.10	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	102.00%
46) 2-Hexanone-d5	10.59	63	157527	57.99	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	115.98%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	91029	5.01	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.20%
64) 1,2-Dichlorobenzene-d4	13.52	152	171066	5.13	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.60%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	216847	5.22	ug/L	92
3) Chloromethane	2.01	50	274427	4.79	ug/L	96
5) Vinyl chloride	2.17	62	273711	4.83	ug/L	98
6) Bromomethane	2.53	94	172886	4.56	ug/L	95
8) Chloroethane	2.66	64	159990	4.51	ug/L	99
9) Trichlorofluoromethane	2.93	101	393551	4.30	ug/L	92
10) 1,1,2-Trichloro-1,2,2-trif	3.68	101	234455	4.69	ug/L	98
12) 1,1-Dichloroethene	3.62	96	252930	4.68	ug/L	84
13) Acetone	3.70	43	182448	48.82	ug/L	97
14) Carbon disulfide	3.93	76	643943	4.72	ug/L	99
15) Methyl Acetate	4.19	43	46801	4.63	ug/L	100
16) Methylene chloride	4.41	84	215446	4.37	ug/L	95
17) Methyl tert-butyl Ether	4.89	73	254476	4.75	ug/L	97
18) trans-1,2-Dichloroethene	4.89	96	213834	4.68	ug/L	99
19) 1,1-Dichloroethane	5.69	63	384988	4.62	ug/L	94
21) 2-Butanone	6.69	43	244753	51.33	ug/L	97
22) cis-1,2-Dichloroethene	6.67	96	202797	4.97	ug/L #	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.05	128	58005	4.57	ug/L	91
25) Chloroform	7.23	83	400626	4.36	ug/L	99
27) 1,2-Dichloroethane	7.99	62	177025	4.68	ug/L	98
29) 1,1,1-Trichloroethane	7.43	97	336324	4.83	ug/L	99
30) Cyclohexane	7.52	56	330041	5.52	ug/L	98
31) Carbon tetrachloride	7.63	117	311258	4.99	ug/L	98
33) Benzene	7.91	78	905286	4.97	ug/L	100
34) Trichloroethene	8.71	95	227638	4.81	ug/L	98
35) Methylcyclohexane	8.95	83	338883	5.30	ug/L	99
37) 1,2-Dichloropropane	8.99	63	187612	4.93	ug/L	100
38) Bromodichloromethane	9.28	83	214964	4.78	ug/L	99
39) cis-1,3-Dichloropropene	9.72	75	229668	5.37	ug/L	99
40) 4-Methyl-2-pentanone	9.87	43	602241	55.26	ug/L	99
42) Toluene	10.04	91	988244	5.00	ug/L	98
44) trans-1,3-Dichloropropene	10.26	75	154227	5.32	ug/L	98
45) 1,1,2-Trichloroethane	10.45	97	84239	4.98	ug/L	93
47) Tetrachloroethene	10.51	164	163936	4.80	ug/L	96
48) 2-Hexanone	10.63	43	398938	54.69	ug/L	99
49) Dibromochloromethane	10.79	129	101009	4.96	ug/L	94
50) 1,2-Dibromoethane	10.89	107	70595	4.97	ug/L #	94
51) Chlorobenzene	11.32	112	524286	4.77	ug/L	99
52) Ethylbenzene	11.39	91	1121194	5.13	ug/L	98
53) m,p-Xylene	11.50	106	403776	5.08	ug/L	85
54) o-Xylene	11.83	106	369719	5.13	ug/L	100
55) Styrene	11.84	104	590972	5.15	ug/L	99
56) Isopropylbenzene	12.13	105	1070001	5.34	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.39	83	77745	4.80	ug/L #	91
59) 1,2,3-Trichloropropane	12.43	75	56491	4.77	ug/L	94
61) Bromoform	12.01	173	36458	4.78	ug/L	96
62) 1,3-Dichlorobenzene	13.16	146	314535	5.10	ug/L	98
63) 1,4-Dichlorobenzene	13.24	146	323416	4.76	ug/L	96
65) 1,2-Dichlorobenzene	13.53	146	254960	5.02	ug/L	97
66) 1,2-Dibromo-3-chloropropan	14.14	75	8615	4.55	ug/L #	61
67) 1,3,5-Trichlorobenzene	14.29	180	200957	5.22	ug/L	99
68) 1,2,4-trichlorobenzene	14.79	180	115271	5.39	ug/L	99
69) Naphthalene	15.01	128	115057	5.51	ug/L	99
70) 1,2,3-Trichlorobenzene	15.18	180	85749	5.41	ug/L	99

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

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