

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR022519\
Quantitation Report (QT Reviewed)

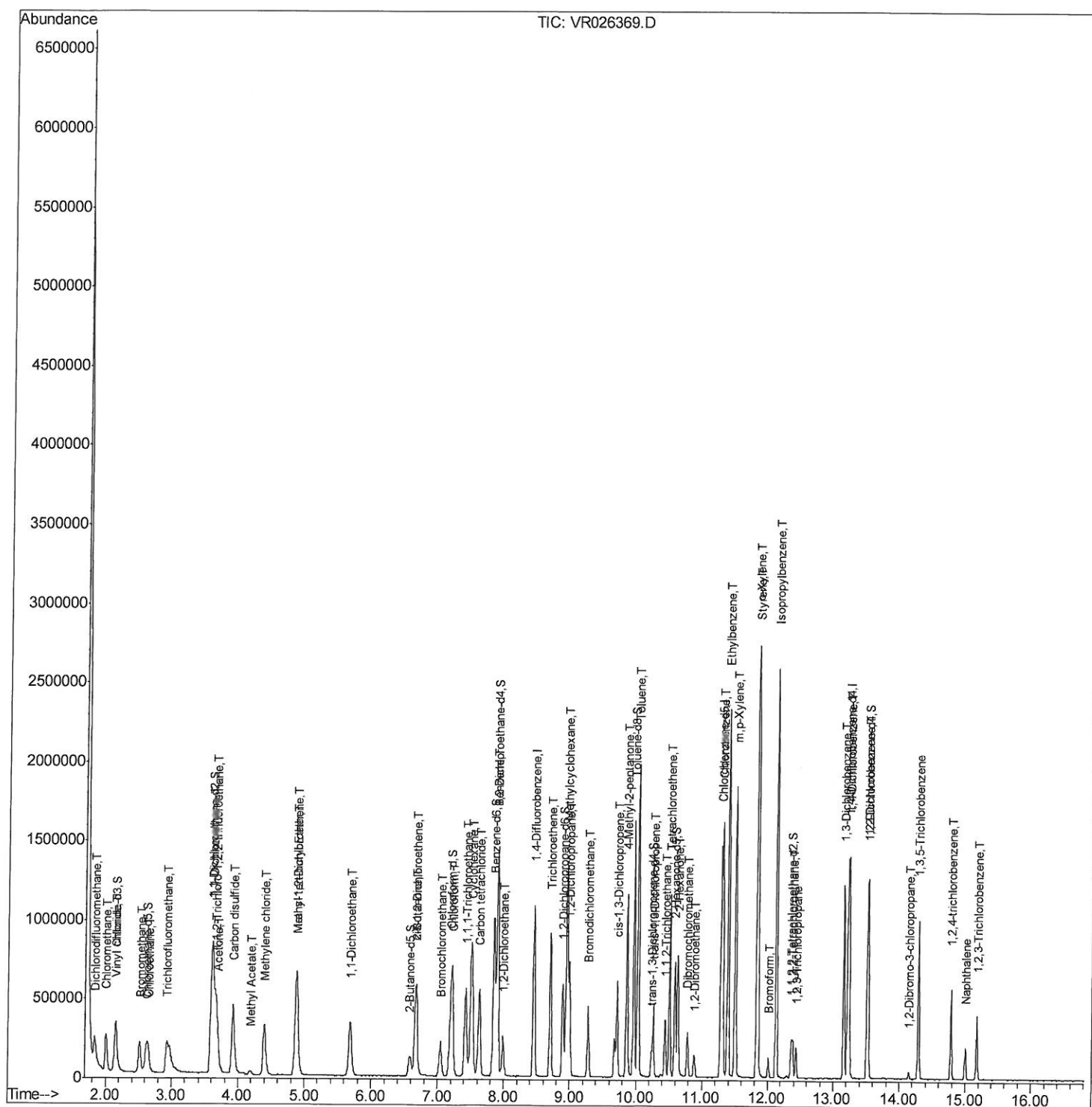
Data File : VR026369.D
Acq On : 25 Feb 2019 9:52
Operator : SY/MD
Sample : VSTDCCC005
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_R
LabSampleId :
VSTD00587

Manual Integrations
APPROVED

MMDadoda
2/26/2019 4:28:14 PM

Quant Time: Feb 26 06:17:18 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR022219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Feb 23 05:38:20 2019
Response via : Initial Calibration



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Quantitation Report (Qedit)

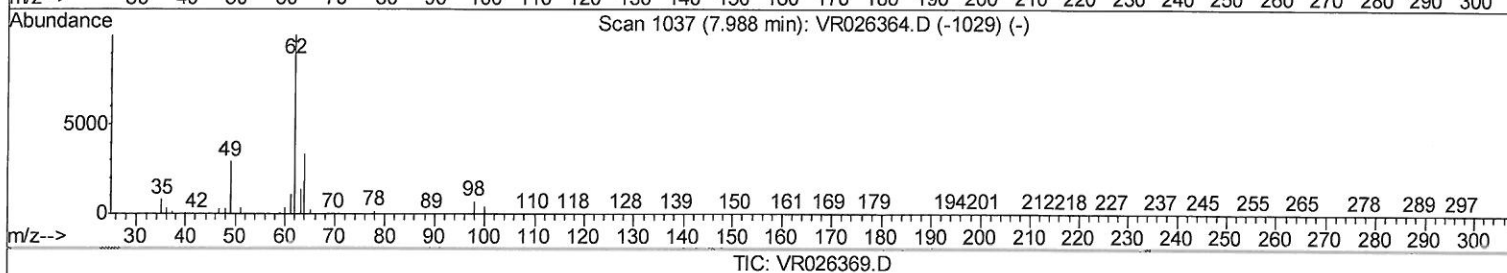
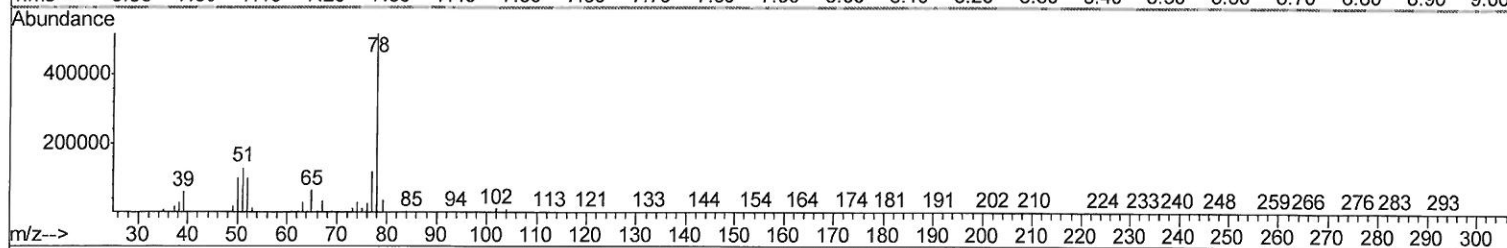
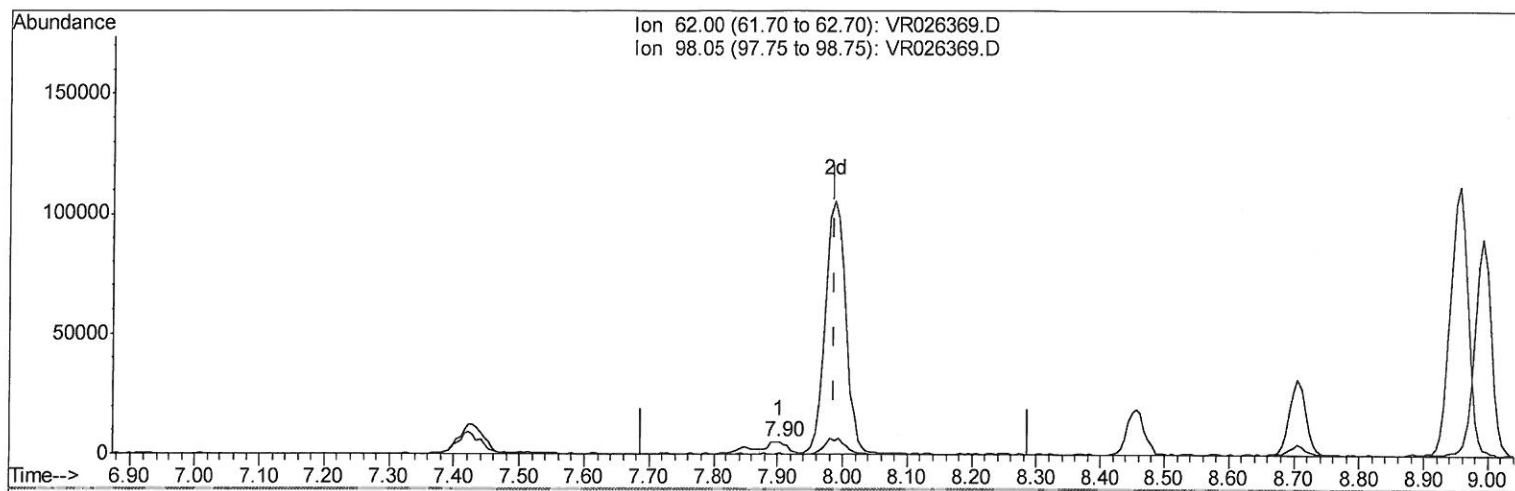
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(27) 1,2-Dichloroethane (T)

7.902min (-0.085) 0.21ug/L

response 10497

Ion	Exp%	Act%
62.00	100	100
98.05	7.10	6.55
0.00	0.00	0.00
0.00	0.00	0.00

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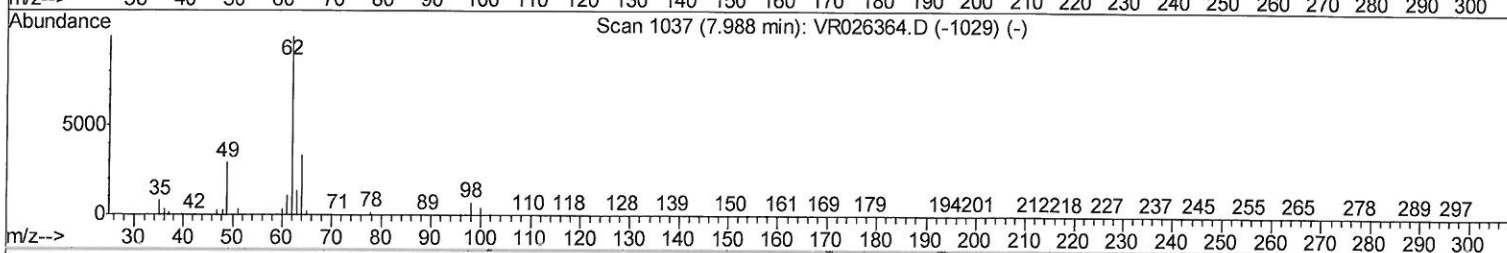
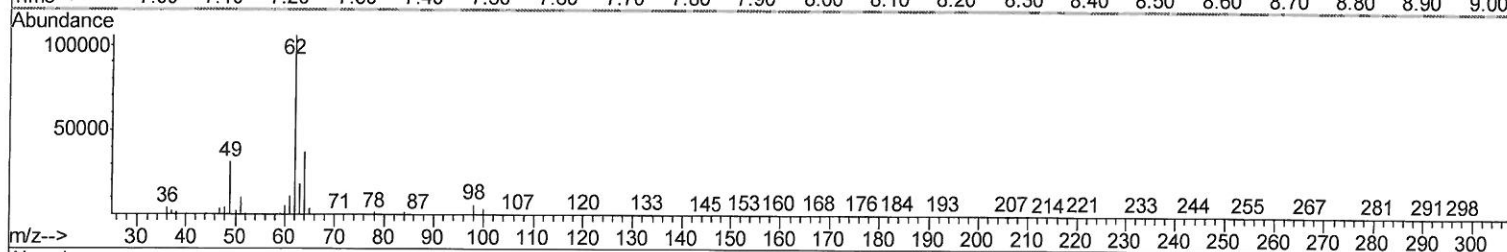
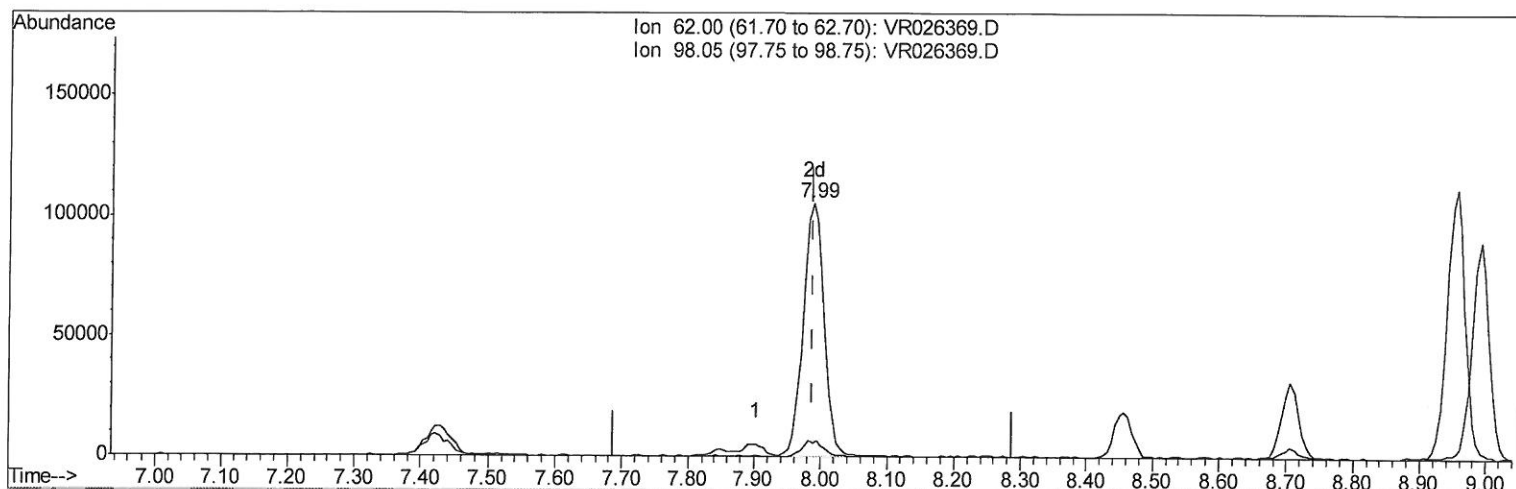
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TIC: VR026369.D

(27) 1,2-Dichloroethane (T)

7.988min (0.000) 4.69ug/L m

response 232005

Ion	Exp%	Act%
62.00	100	100
98.05	7.10	5.53#
0.00	0.00	0.00
0.00	0.00	0.00

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	746198	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.28	117	619895	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	241136	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	263781	3.61	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery =	72.20%		
7) Chloroethane-d5	2.62	69	212816	3.55	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery =	71.00%		
11) 1,1-Dichloroethene-d2	3.60	63	684156	3.99	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery =	79.80%		
20) 2-Butanone-d5	6.58	46	240889	45.21	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery =	90.42%		
24) Chloroform-d	7.20	84	507236	4.26	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	85.20%		
26) 1,2-Dichloroethane-d4	7.89	65	201083	4.17	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	83.40%		
32) Benzene-d6	7.85	84	984585	4.23	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	84.60%		
36) 1,2-Dichloropropane-d6	8.89	67	244887	4.15	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery =	83.00%		
41) Toluene-d8	9.96	98	924385	4.40	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	88.00%		
43) trans-1,3-Dichloropropene-	10.23	79	67232	4.31	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery =	86.20%		
46) 2-Hexanone-d5	10.59	63	204169	51.92	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery =	103.84%		
57) 1,1,2,2-Tetrachloroethane-	12.36	84	92795	4.14	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery =	82.80%		
64) 1,2-Dichlorobenzene-d4	13.51	152	167439	4.02	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery =	80.40%		

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.82	85	315222	5.006	ug/L 95
3) Chloromethane	2.00	50	314879	3.961	ug/L 97
5) Vinyl chloride	2.15	62	324084	4.205	ug/L 100
6) Bromomethane	2.51	94	174413	3.929	ug/L 97
8) Chloroethane	2.65	64	185431	3.999	ug/L 99
9) Trichlorofluoromethane	2.93	101	482061	4.807	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	3.67	101	274092	4.691	ug/L 99
12) 1,1-Dichloroethene	3.62	96	299408	4.593	ug/L 84
13) Acetone	3.69	43	177770	37.090	ug/L 100
14) Carbon disulfide	3.92	76	937102	4.512	ug/L 97
15) Methyl Acetate	4.19	43	56287	4.150	ug/L 99
16) Methylene chloride	4.39	84	225696	3.961	ug/L 98
17) Methyl tert-butyl Ether	4.89	73	297012	4.869	ug/L 100
18) trans-1,2-Dichloroethene	4.87	96	283445	4.766	ug/L 94
19) 1,1-Dichloroethane	5.68	63	513210	4.711	ug/L 98
21) 2-Butanone	6.68	43	286467	47.687	ug/L 98
22) cis-1,2-Dichloroethene	6.67	96	253118	5.070	ug/L # 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	7.04	128	69774	4.511	ug/L	95
25) Chloroform	7.23	83	490506	4.696	ug/L	92
27) 1,2-Dichloroethane	7.99	62	232005m	4.694	ug/L	100
29) 1,1,1-Trichloroethane	7.42	97	442437	4.925	ug/L	98
30) Cyclohexane	7.51	56	508299	4.952	ug/L	99
31) Carbon tetrachloride	7.63	117	413510	4.804	ug/L	100
33) Benzene	7.90	78	1144548	4.849	ug/L	94
34) Trichloroethene	8.71	95	290584	5.701	ug/L	99
35) Methylcyclohexane	8.95	83	484516	4.702	ug/L	98
37) 1,2-Dichloropropane	8.99	63	237865	4.596	ug/L	95
38) Bromodichloromethane	9.28	83	266613	5.183	ug/L	98
39) cis-1,3-Dichloropropene	9.72	75	286336	51.818	ug/L	99
40) 4-Methyl-2-pentanone	9.86	43	716763	4.993	ug/L	96
42) Toluene	10.03	91	1194636	5.119	ug/L	97
44) trans-1,3-Dichloropropene	10.26	75	206239	4.430	ug/L	94
45) 1,1,2-Trichloroethane	10.44	97	92582	4.766	ug/L	91
47) Tetrachloroethene	10.51	164	207083	50.629	ug/L	100
48) 2-Hexanone	10.63	43	483899	4.671	ug/L	97
49) Dibromochloromethane	10.78	129	121349	4.840	ug/L #	96
50) 1,2-Dibromoethane	10.88	107	78840	4.803	ug/L	99
51) Chlorobenzene	11.31	112	628357	5.235	ug/L	99
52) Ethylbenzene	11.39	91	1407698	5.280	ug/L	98
53) m,p-Xylene	11.50	106	506128	5.343	ug/L	98
54) o-Xylene	11.83	106	447118	5.259	ug/L	100
55) Styrene	11.84	104	695522	5.613	ug/L	99
56) Isopropylbenzene	12.13	105	1333721	4.709	ug/L #	89
58) 1,1,2,2-Tetrachloroethane	12.39	83	89658	4.934	ug/L	100
59) 1,2,3-Trichloropropane	12.43	75	68773	4.288	ug/L #	96
61) Bromoform	12.01	173	47952	5.029	ug/L	98
62) 1,3-Dichlorobenzene	13.16	146	368349	4.758	ug/L	99
63) 1,4-Dichlorobenzene	13.24	146	386946	4.834	ug/L	96
65) 1,2-Dichlorobenzene	13.53	146	292925	3.940	ug/L	92
66) 1,2-Dibromo-3-chloropropan	14.15	75	8887	4.912	ug/L	99
67) 1,3,5-Trichlorobenzene	14.29	180	222906	5.089	ug/L	99
68) 1,2,4-trichlorobenzene	14.79	180	132582	5.329	ug/L	99
69) Naphthalene	15.00	128	128143	5.278	ug/L	98
70) 1,2,3-Trichlorobenzene	15.18	180	96851			

02/26/19 SY

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