

Data File : VF059479.D
Acq On : 10 Jul 2018 12:25
Operator : VA/AP
Sample : VSTDCCC050
Misc : 5.00g/5mL/MSVOA_F/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_F
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

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7/11/2018 11:11:46 AM

Quant Time: Jul 12 01:44:43 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_F\METHODS\82F070718S.M
Quant Title : SW846 8260
QLast Update : Sat Jul 07 06:35:36 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.01	168	289660	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.74	114	412706	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.90	117	409279	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	12.62	152	250173	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	4.99	65	224447	44.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.10%	
35) Dibromofluoromethane	4.27	113	182258	46.03	ug/l	0.01
Spiked Amount	50.000		Recovery	=	92.06%	
50) Toluene-d8	7.68	98	475764	51.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.14%	
62) 4-Bromofluorobenzene	11.50	95	247383	47.61	ug/l	0.01
Spiked Amount	50.000		Recovery	=	95.22%	

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Target Compounds

						Qvalue
2) Dichlorodifluoromethane	0.98	85	178495	43.752	ug/l	100
3) Chloromethane	1.08	50	98281	48.840	ug/l	98
4) Vinyl Chloride	1.14	62	105822	50.348	ug/l	97
5) Bromomethane	1.33	94	71879	44.575	ug/l	83
6) Chloroethane	1.41	64	55760	50.319	ug/l	91
7) Trichlorofluoromethane	1.52	101	230312m	51.612	ug/l	
8) Diethyl Ether	1.69	74	45426	48.552	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	1.88	101	104774	43.333	ug/l	96
10) Methyl Iodide	1.94	142	211433	46.967	ug/l	96
11) Tert butyl alcohol	2.67	59	50101	218.292	ug/l #	94
12) 1,1-Dichloroethene	1.84	96	101517	46.375	ug/l	84
13) Acrolein	2.08	56	62729	352.730	ug/l	100
14) Allyl chloride	2.17	41	177922	46.808	ug/l	84
15) Acrylonitrile	3.06	53	103895	247.910	ug/l	98
16) Acetone	2.33	43	247915	328.984	ug/l	96
17) Carbon Disulfide	1.86	76	286278	49.713	ug/l #	94
18) Methyl Acetate	2.44	43	78525	44.880	ug/l	93
19) Methyl tert-butyl Ether	2.52	73	325570	45.644	ug/l	97
20) Methylene Chloride	2.30	84	103183	47.822	ug/l	88
21) trans-1,2-Dichloroethene	2.40	96	106138	45.557	ug/l	97
22) Diisopropyl ether	2.91	45	367949	46.726	ug/l	97
23) Vinyl Acetate	3.31	43	1179662	258.037	ug/l	99
24) 1,1-Dichloroethane	2.98	63	235522	44.729	ug/l	99
25) 2-Butanone	4.49	43	292237	284.614	ug/l	98
26) 2,2-Dichloropropane	3.74	77	167626	55.227	ug/l	98
27) cis-1,2-Dichloroethene	3.61	96	140774	49.166	ug/l	93
28) Bromochloromethane	3.87	49	108452	49.627	ug/l	100
29) Tetrahydrofuran	4.23	42	120793	250.969	ug/l	98
30) Chloroform	4.00	83	328595	44.102	ug/l	96
31) Cyclohexane	3.84	56	154340	50.545	ug/l	98
32) 1,1,1-Trichloroethane	4.24	97	252189	44.011	ug/l	94
36) 1,1-Dichloropropene	4.43	75	208990	47.945	ug/l	98
37) Ethyl Acetate	4.26	43	126915	49.615	ug/l	92
38) Carbon Tetrachloride	4.14	117	284697m	45.701	ug/l	

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	5.60	83	187898	51.323	ug/l	98
40) Benzene	4.78	78	430878	50.441	ug/l	94
41) Methacrylonitrile	4.90	41	62393	53.097	ug/l	92
42) 1,2-Dichloroethane	5.09	62	274370	44.329	ug/l	99
43) Isopropyl Acetate	7.09	43	158677	54.186	ug/l	96
44) Trichloroethene	5.65	130	151315	48.020	ug/l	94
45) 1,2-Dichloropropane	6.38	63	118479	48.306	ug/l	96
46) Dibromomethane	6.23	93	105103	46.746	ug/l	98
47) Bromodichloromethane	6.52	83	273888	47.873	ug/l	93
48) Methyl methacrylate	6.85	41	111280	53.253	ug/l	97
49) 1,4-Dioxane	6.84	88	8984	947.276	ug/l #	72
51) 4-Methyl-2-Pentanone	8.38	43	558183	255.815	ug/l	96
52) Toluene	7.75	92	316274	49.575	ug/l	99
53) t-1,3-Dichloropropene	8.40	75	245449	49.549	ug/l	99
54) cis-1,3-Dichloropropene	7.43	75	261804	52.947	ug/l	99
55) 1,1,2-Trichloroethane	8.62	97	117158	47.071	ug/l	95
56) Ethyl methacrylate	8.73	69	155661	55.283	ug/l	97
57) 1,3-Dichloropropane	8.97	76	211588	49.766	ug/l	98
58) 2-Chloroethyl Vinyl ether	7.76	63	60136	223.011	ug/l	100
59) 2-Hexanone	9.61	43	463852	286.012	ug/l	99
60) Dibromochloromethane	8.84	129	205522	49.559	ug/l	99
61) 1,2-Dibromoethane	9.11	107	145477	47.567	ug/l	98
64) Tetrachloroethene	8.28	164	159226	46.449	ug/l	96
65) Chlorobenzene	9.92	112	400752	50.247	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.05	131	175029	47.633	ug/l	95
67) Ethyl Benzene	10.02	91	693114	49.981	ug/l	97
68) m/p-Xylenes	10.24	106	484172	99.072	ug/l	94
69) o-Xylene	10.81	106	275900	52.450	ug/l	90
70) Styrene	10.88	104	405774	49.499	ug/l	96
71) Bromoform	10.87	173	127001	50.179	ug/l	98
73) Isopropylbenzene	11.21	105	796169	52.357	ug/l	100
74) N-amyl acetate	11.45	43	275281	59.301	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.77	83	170847	49.429	ug/l	98
76) 1,2,3-Trichloropropane	11.87	75	136104	48.364	ug/l	100
77) Bromobenzene	11.57	156	215563	51.233	ug/l	97
78) n-propylbenzene	11.67	91	920370	50.402	ug/l	98
79) 2-Chlorotoluene	11.80	91	573721	50.780	ug/l	95
80) 1,3,5-Trimethylbenzene	11.90	105	661282	49.074	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.94	75	81819	56.046	ug/l	91
82) 4-Chlorotoluene	11.98	91	609395	50.893	ug/l	95
83) tert-Butylbenzene	12.20	119	692903	52.870	ug/l	92
84) 1,2,4-Trimethylbenzene	12.27	105	719358	50.765	ug/l	97
85) sec-Butylbenzene	12.37	105	898339	50.788	ug/l	100
86) p-Isopropyltoluene	12.52	119	789619	52.196	ug/l	99
87) 1,3-Dichlorobenzene	12.54	146	374805	47.021	ug/l	97
88) 1,4-Dichlorobenzene	12.63	146	380275	48.994	ug/l	97
89) n-Butylbenzene	12.90	91	783978	53.193	ug/l	100
90) Hexachloroethane	12.98	117	189752	48.276	ug/l	97
91) 1,2-Dichlorobenzene	13.00	146	383289	48.492	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.70	75	43117	49.819	ug/l	93

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Data Path : Z:\voasrv\HPCHEM1\MSVOA_F\Data\VF071018\
Quantitation Report (QT Reviewed)

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.26	180	311838	53.108	ug/l	97
94) Hexachlorobutadiene	14.25	225	194918	54.791	ug/l	96
95) Naphthalene	14.51	128	637265	54.611	ug/l	99
96) 1,2,3-Trichlorobenzene	14.66	180	297528	52.235	ug/l	97

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

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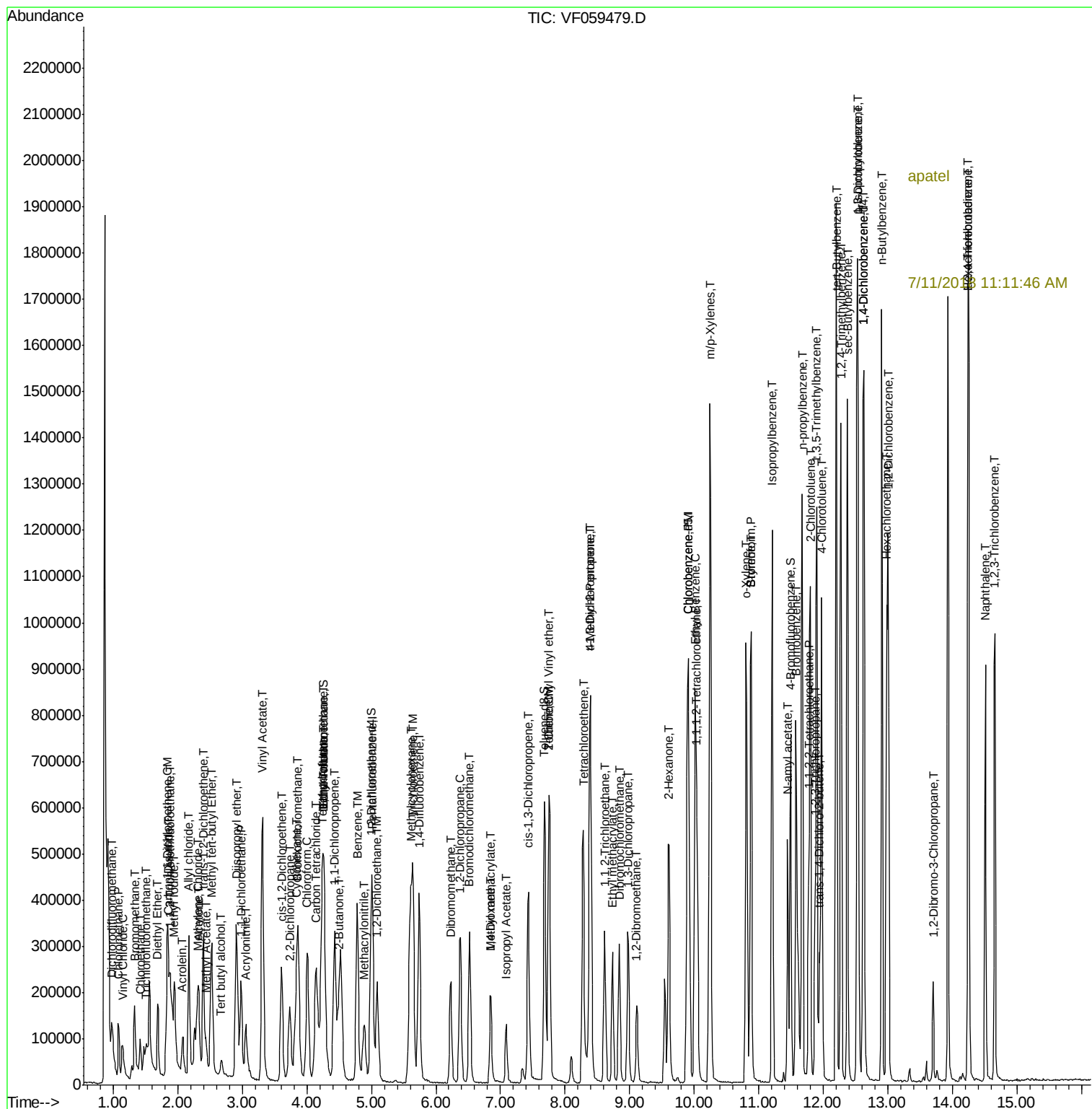
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